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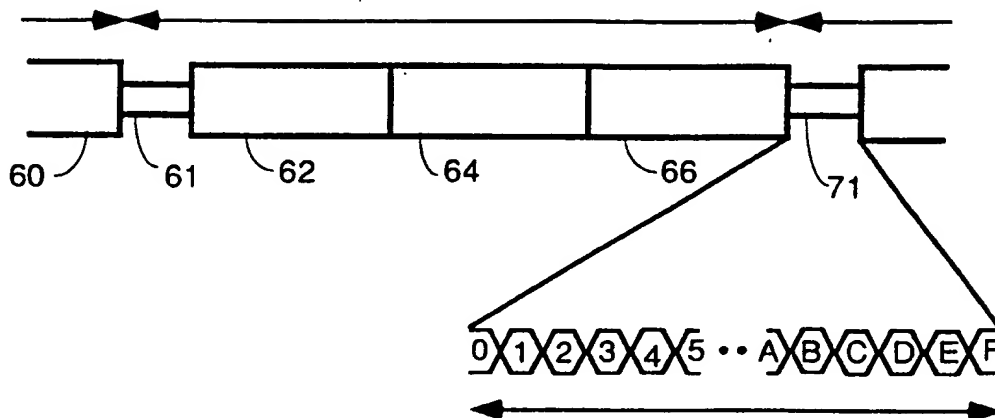


FIG. 1A

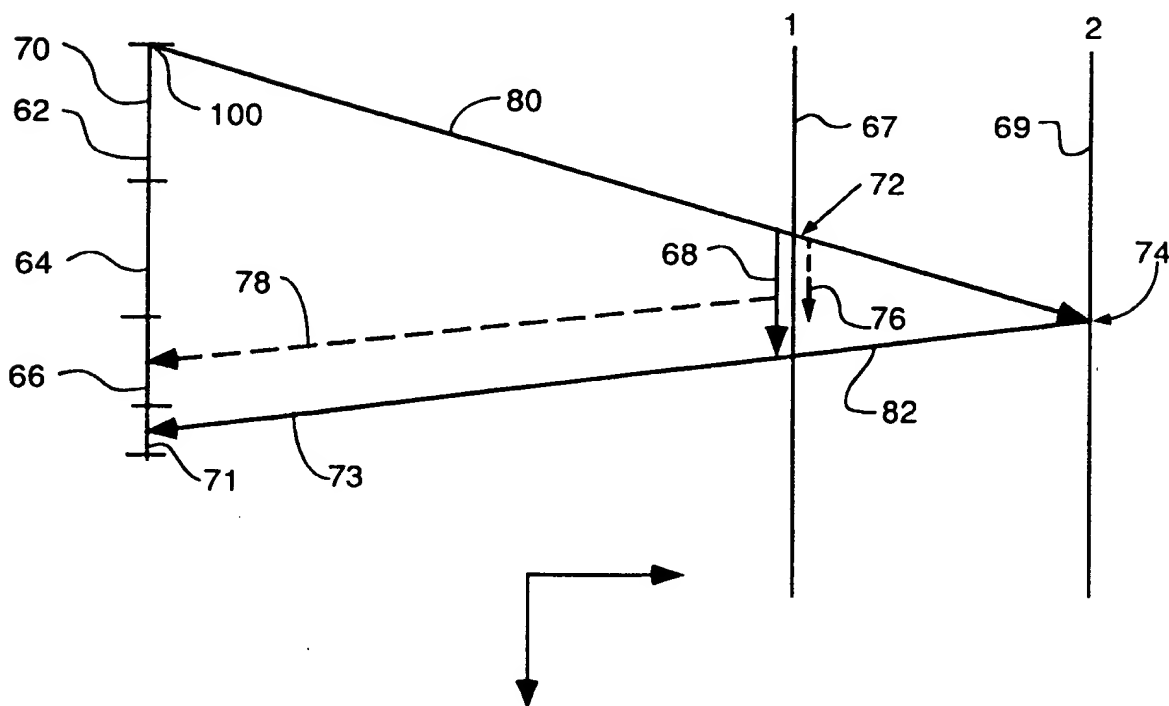
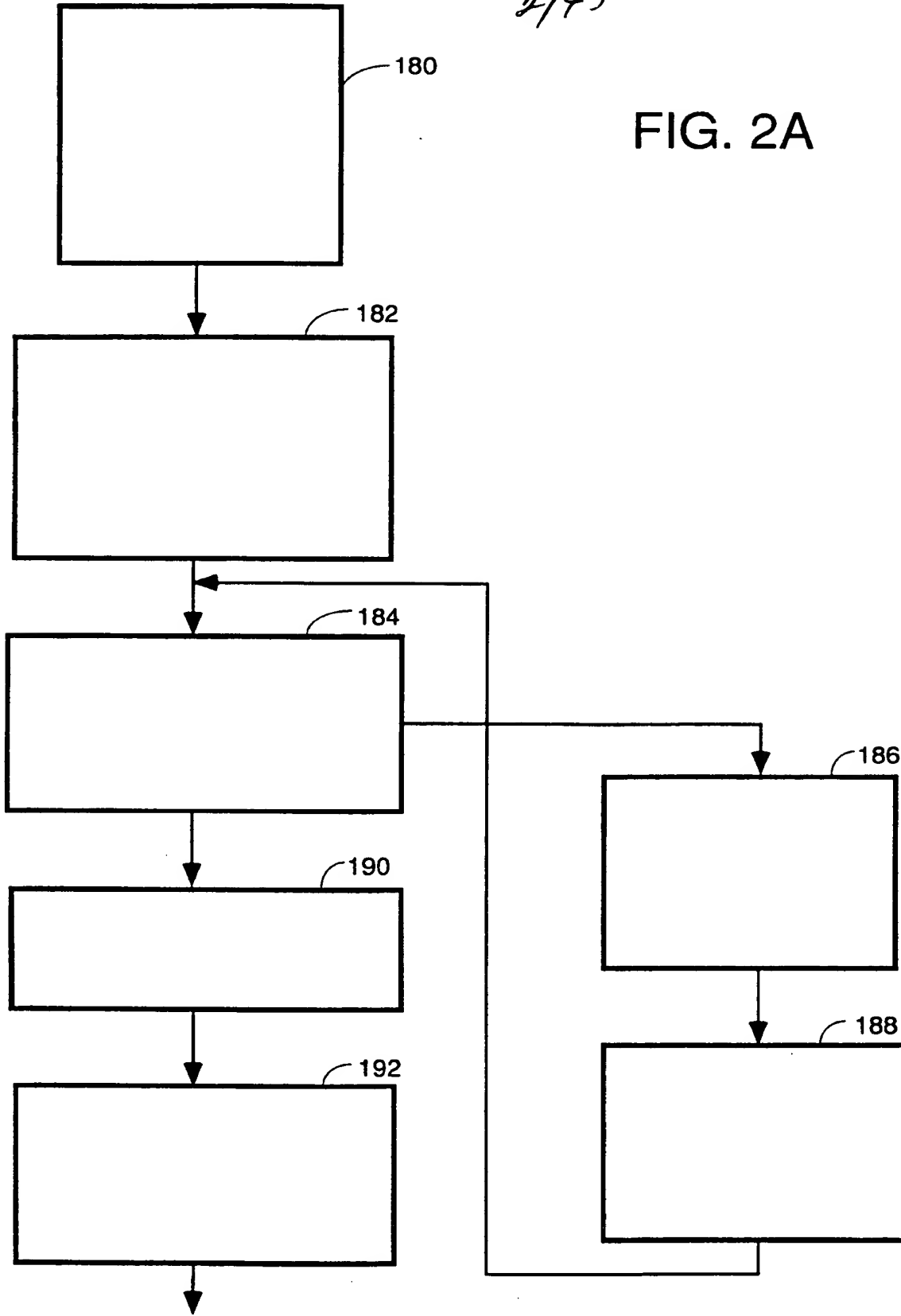


FIG. 1B

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FIG. 2A



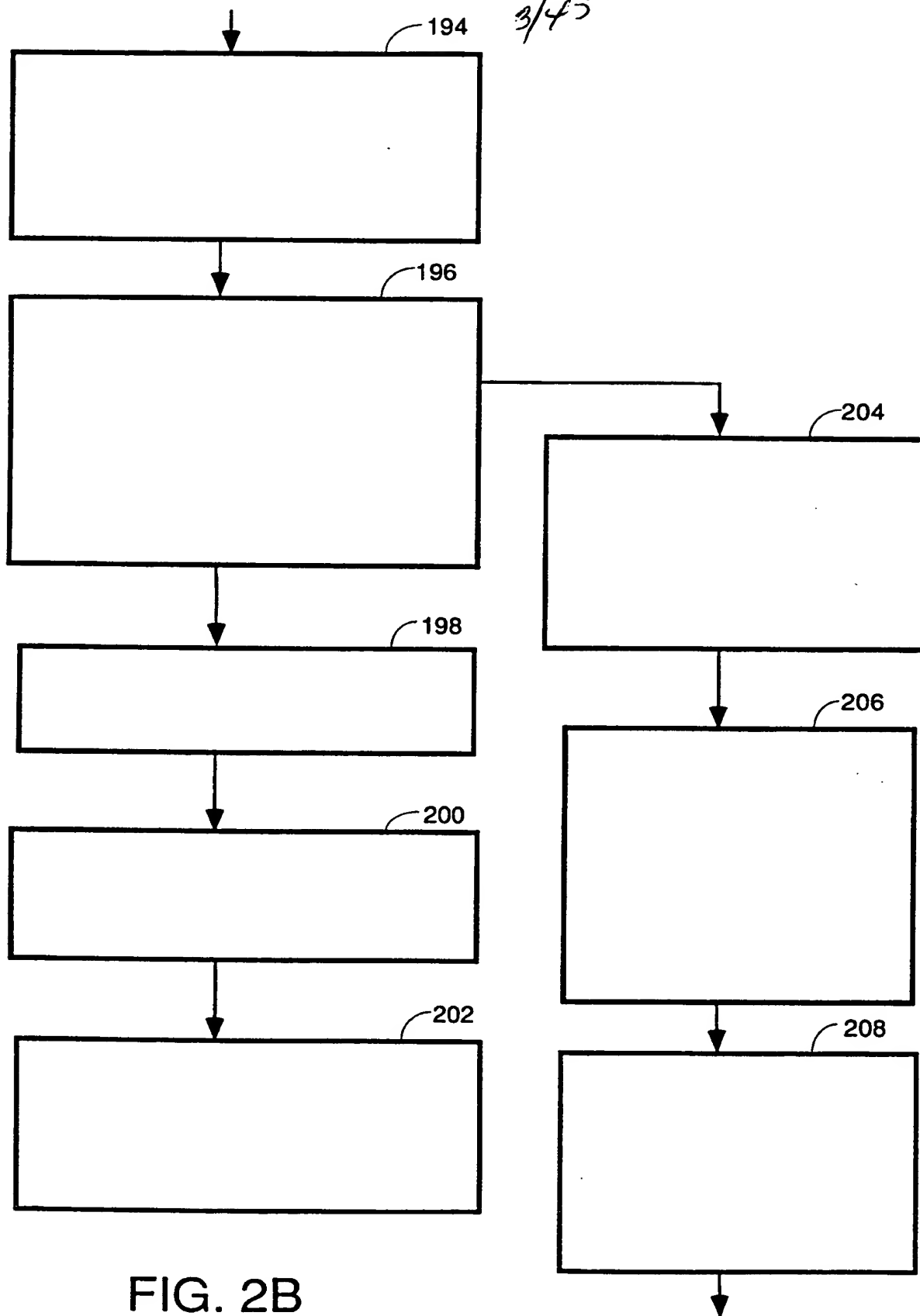


FIG. 2B

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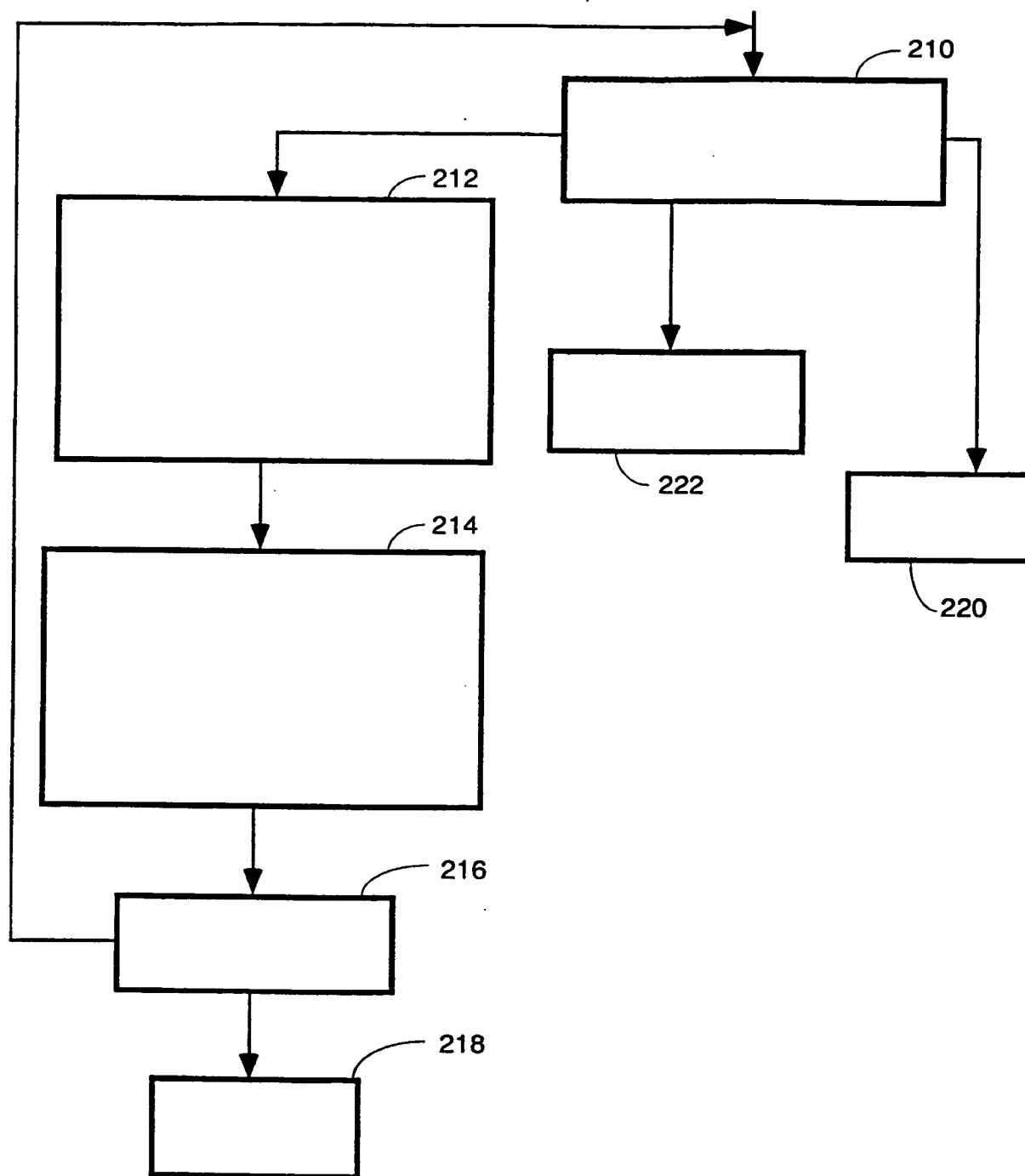


FIG. 2C

FIG. 2C

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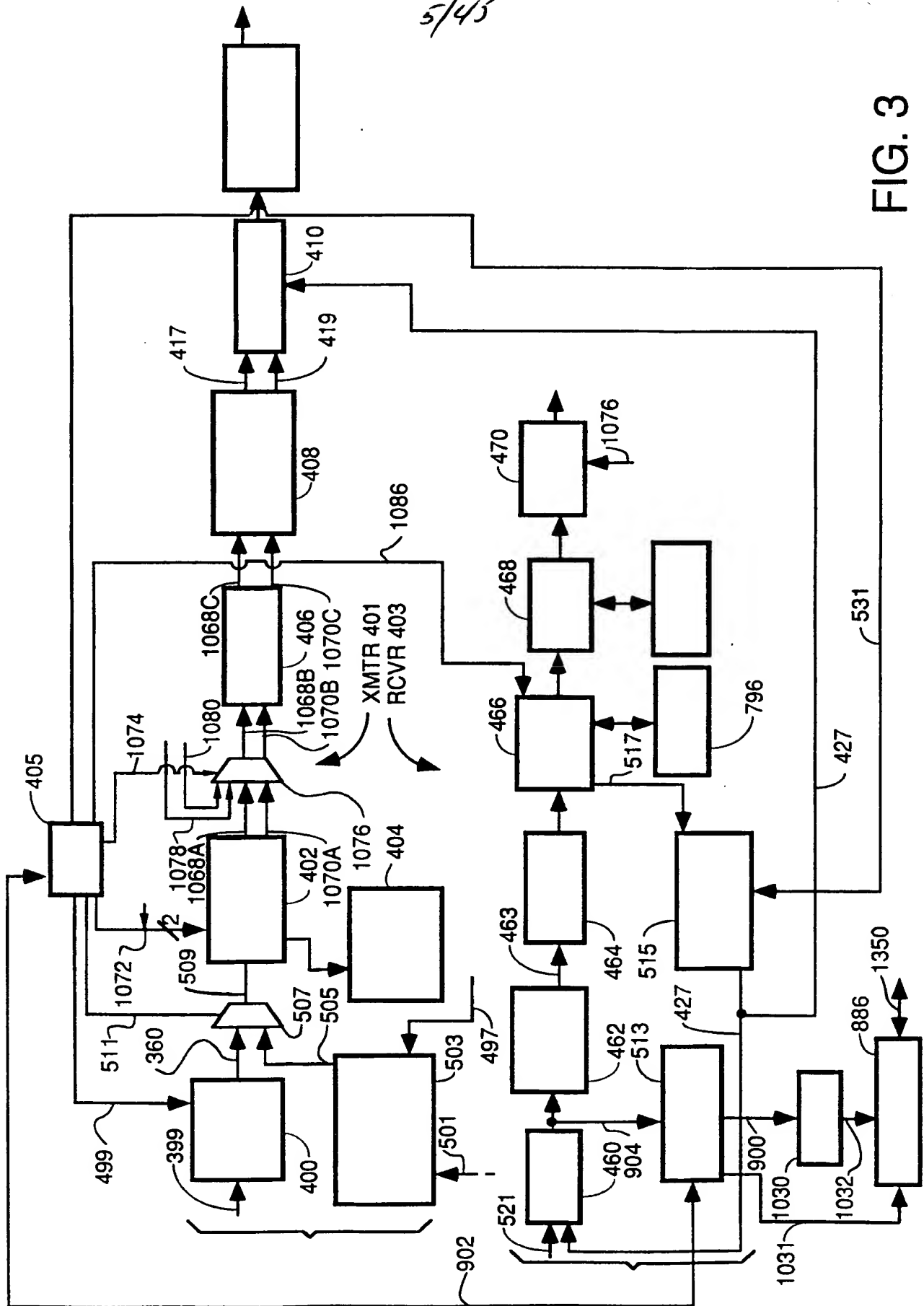


FIG. 3

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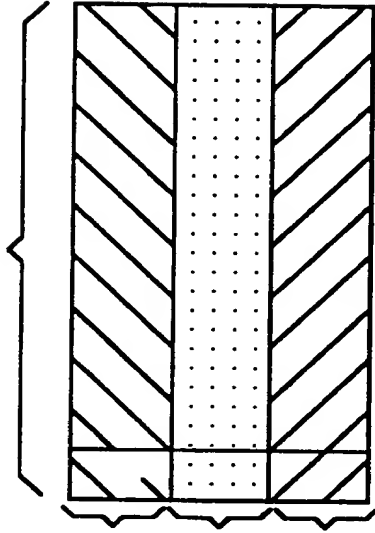


FIG. 4

09/214158-260

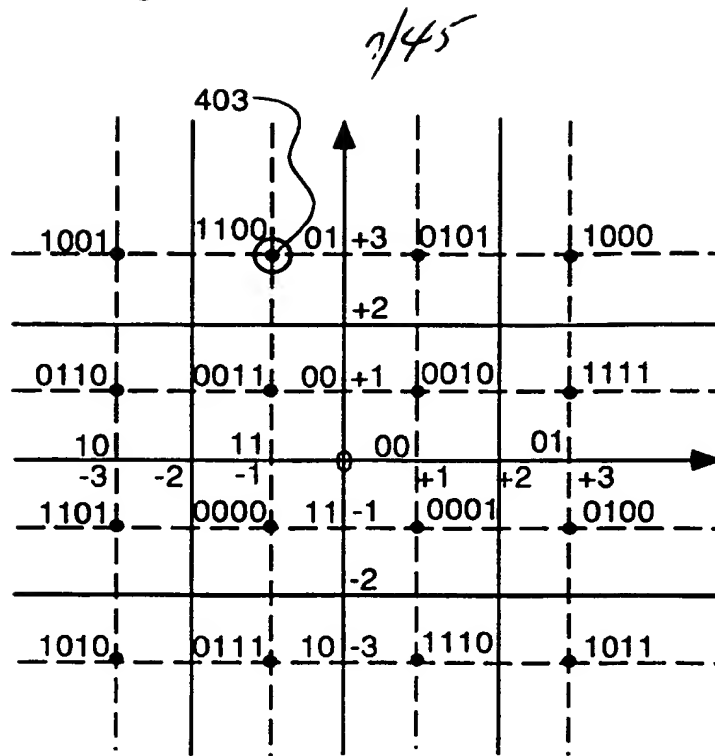


FIG. 5

0000	111	111	= -1 -
0001	001	111	= 1 - j
0010	001	001	= 1 + j
0011	111	001	= -1 + j
0100	011	111	= 3 - j
0101	001	011	= 1 + 3*j
0110	101	001	= -3 + j
0111	111	101	= -1 - 3*j
1000	011	011	= +3 + 3*j
1001	101	011	= -3 + 3*j
1010	101	101	= -3 - 3*j
1011	011	101	= 3 - 3*j
1100	111	011	= -1 + 3*j
1101	101	111	= -3 - j
1110	001	101	= 1 - 3*j
1111	011	001	= 3 + j

FIG. 6

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$$\begin{array}{c} 483 \\ 481 \end{array} \begin{bmatrix} 0 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 \\ 1 & 1 & 0 & 1 \\ 0 & 1 & 0 & 0 \\ \vdots & & & \end{bmatrix} \times \begin{bmatrix} C_{1,1} & C_{1,2} & \cdots & C_{1,144} \\ C_{2,1} & C_{2,2} & \cdots & C_{2,144} \\ \vdots & \vdots & & \vdots \end{bmatrix}$$

FIG. 7A

$$\begin{array}{c} 405 \end{array} \begin{bmatrix} +3 \\ -1 \\ -1 \\ +3 \end{bmatrix} \cdot \begin{array}{c} 407 \\ \begin{bmatrix} 1 & 1 & 1 & 1 \\ -1 & -1 & 1 & 1 \\ -1 & 1 & -1 & 1 \\ -1 & 1 & 1 & -1 \end{bmatrix} \end{array} = \begin{array}{c} 409 \\ \begin{bmatrix} 4 \\ 0 \\ 0 \\ -8 \end{bmatrix} \end{array}$$

$$\begin{bmatrix} \quad \end{bmatrix} \times \begin{bmatrix} \quad \end{bmatrix} = \begin{bmatrix} \quad \end{bmatrix} =$$

FIG. 7B

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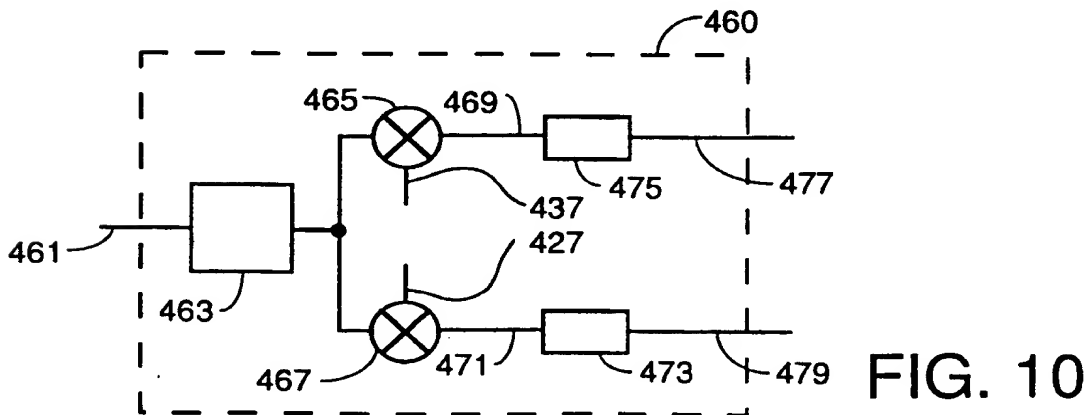
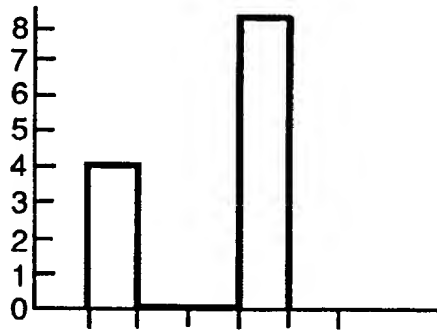
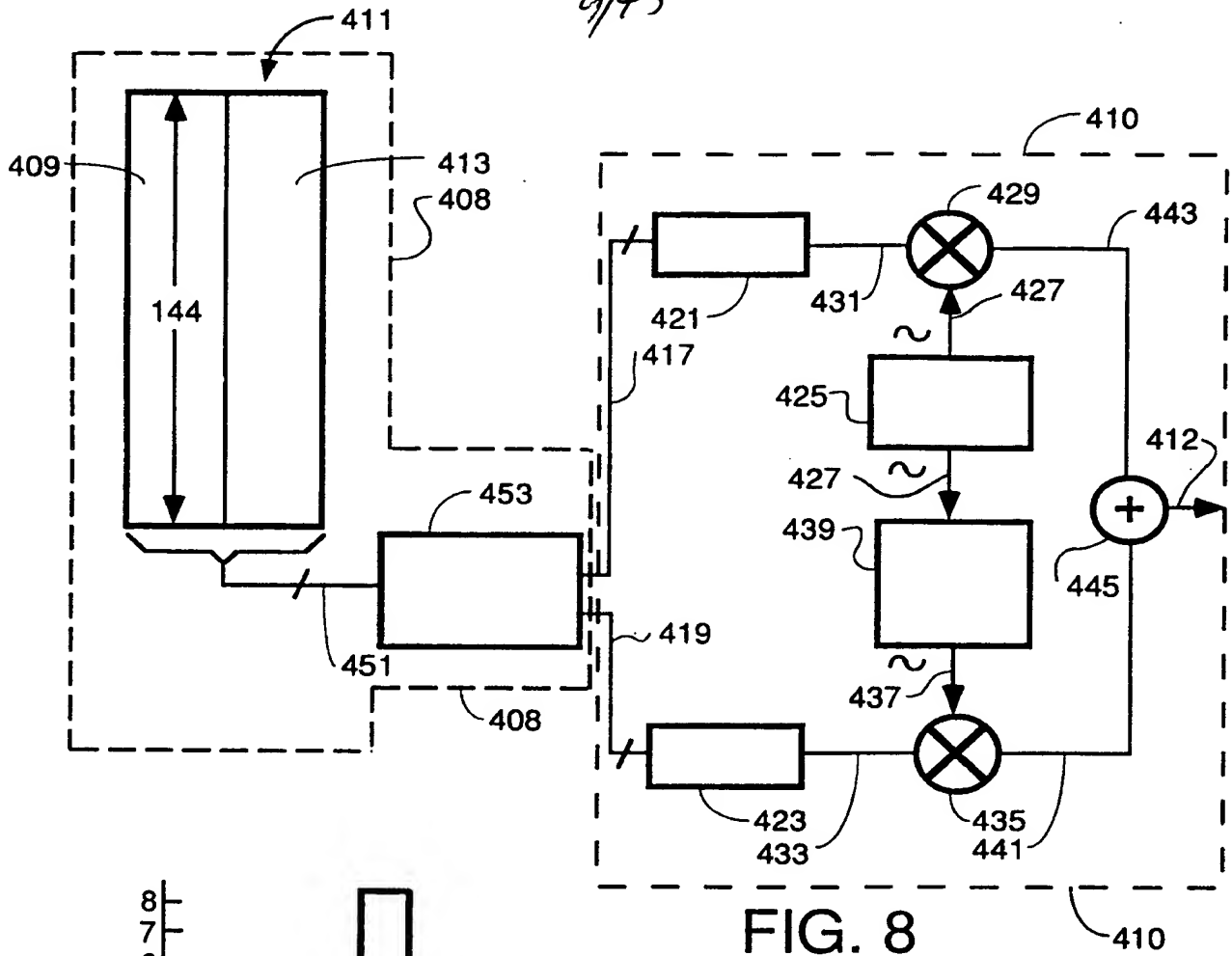


FIG. 11

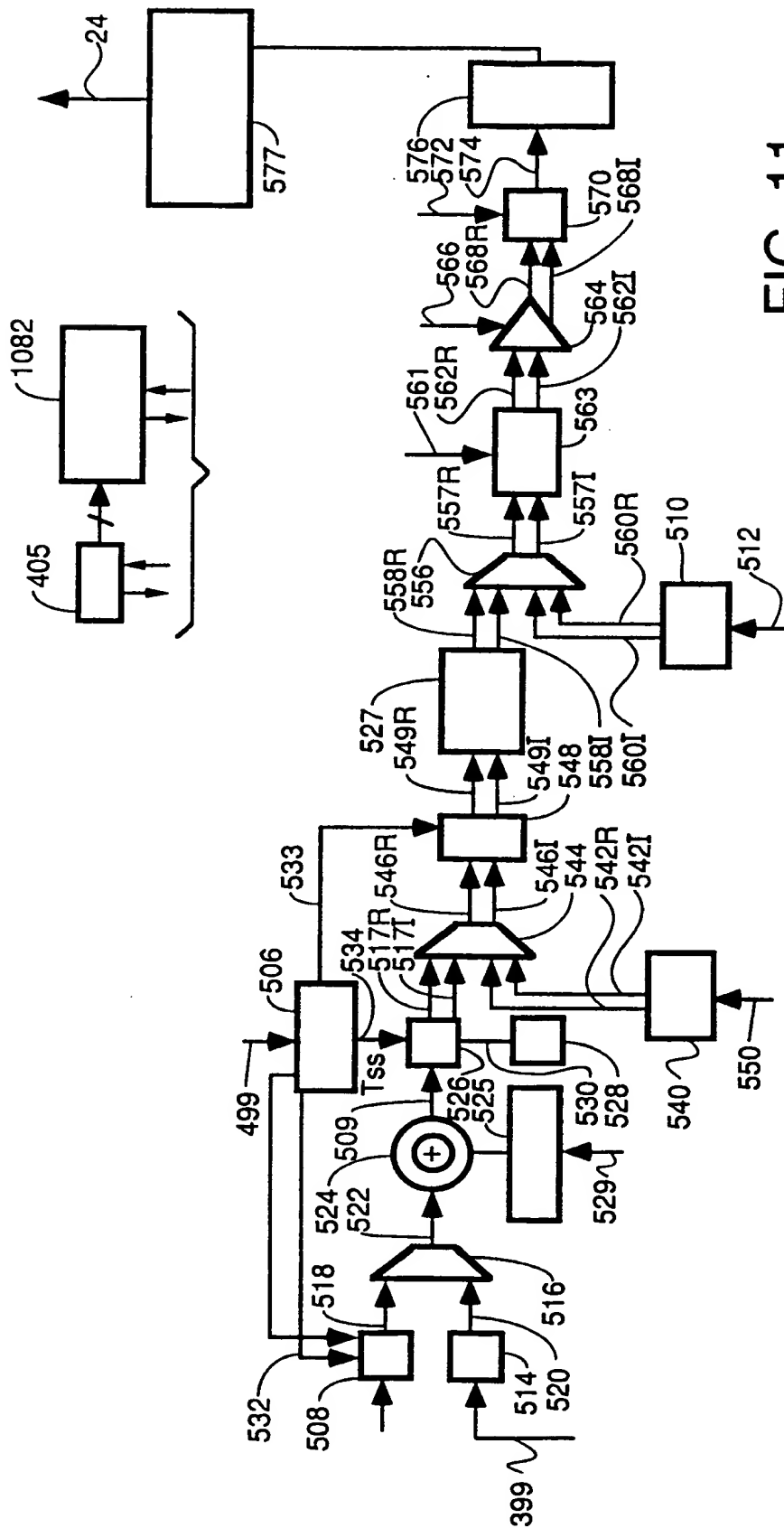


FIG. 11

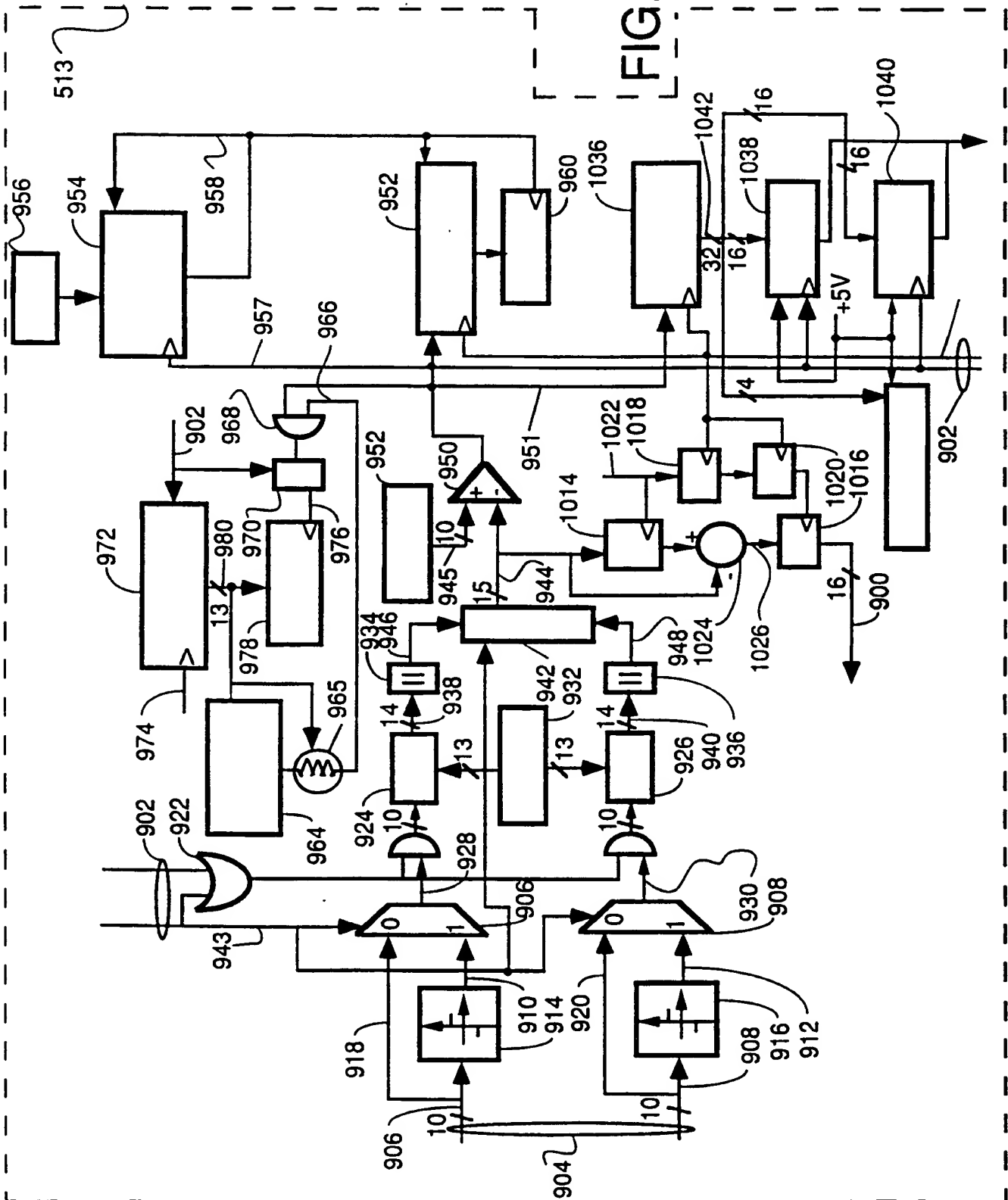
•



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FIG. 13

FIG. 13



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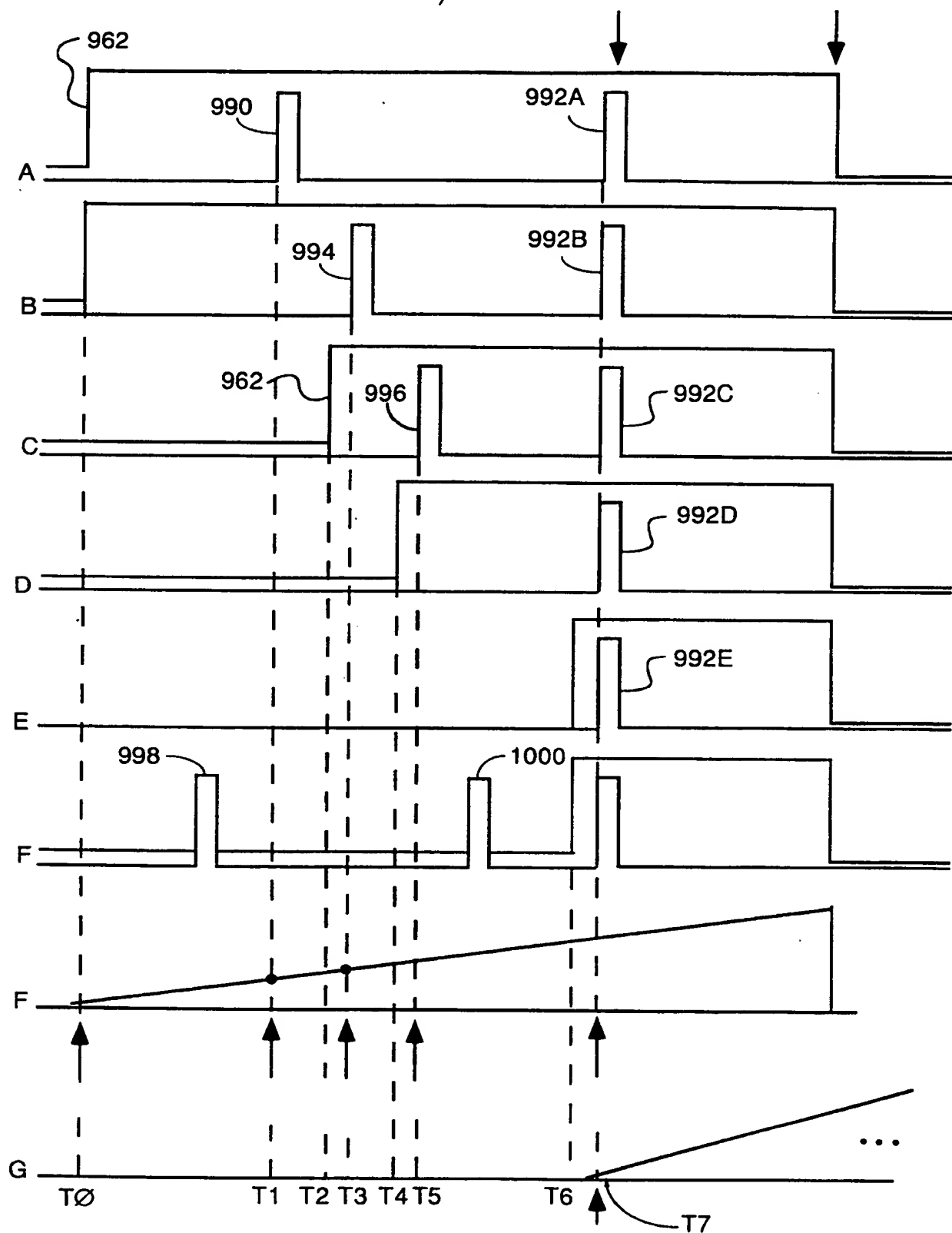


FIG. 14

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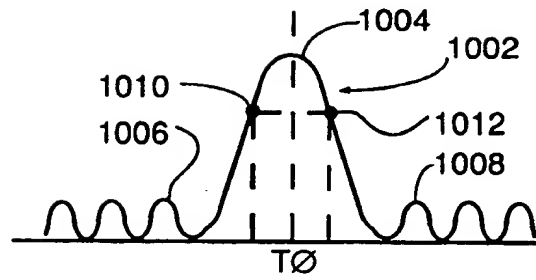


FIG. 15

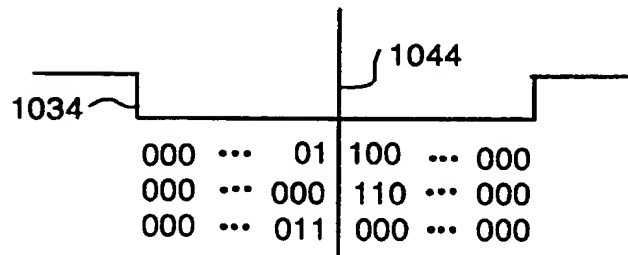


FIG. 16

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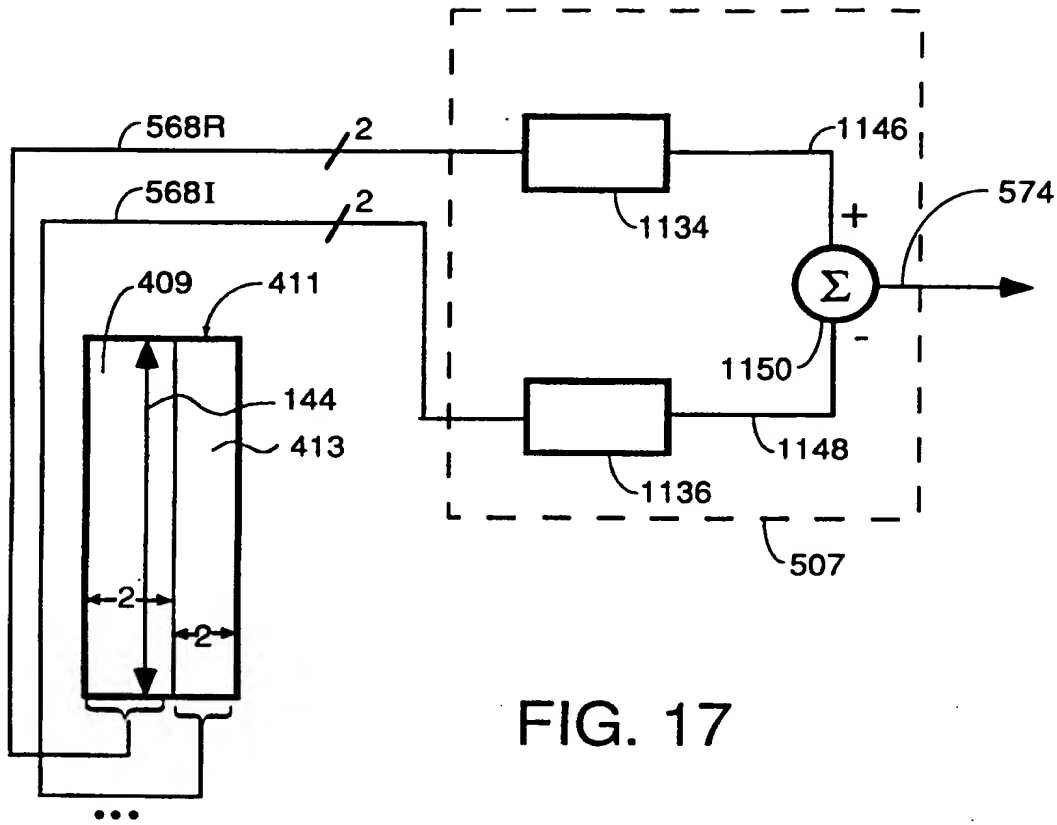
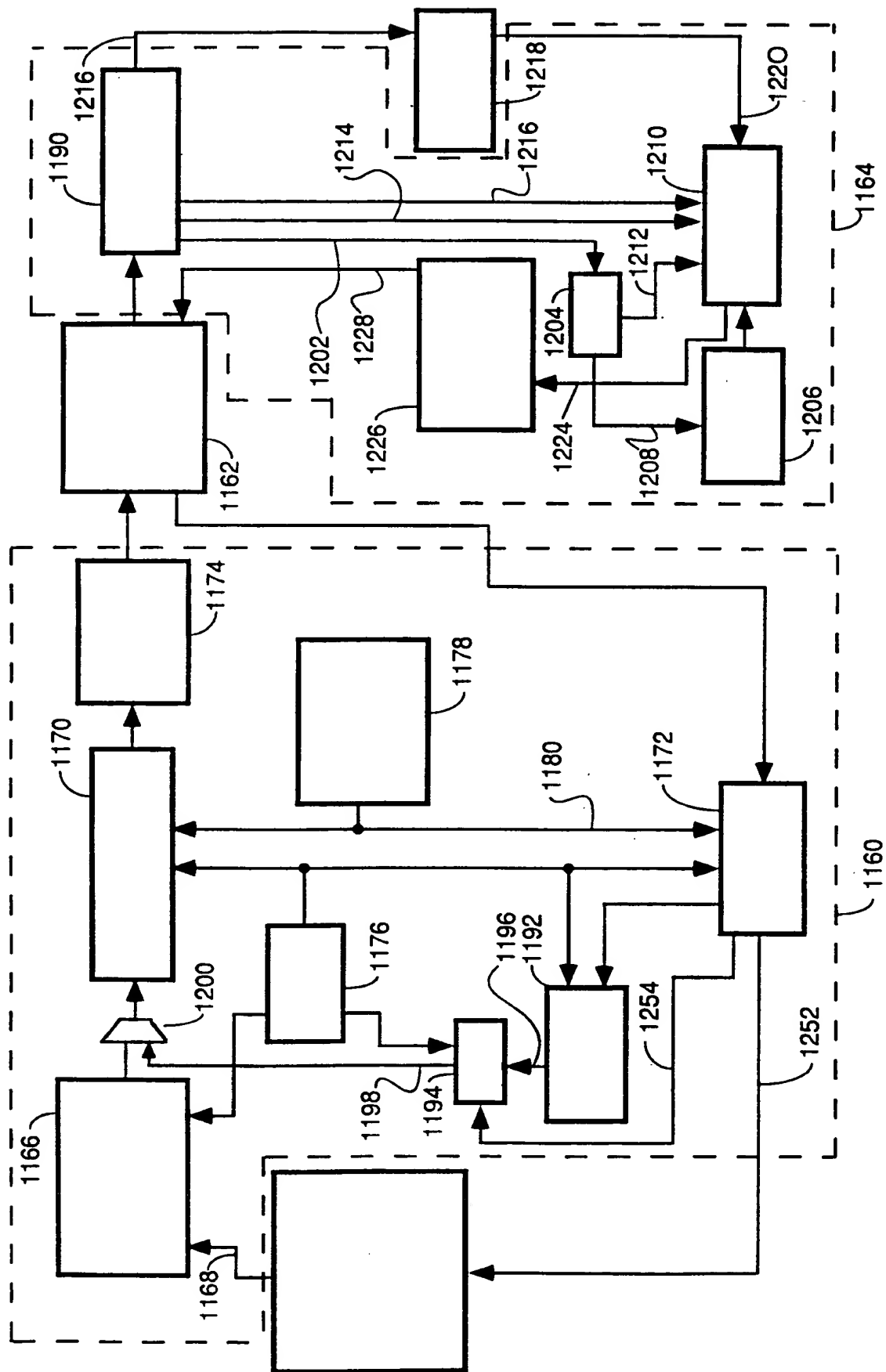


FIG. 17

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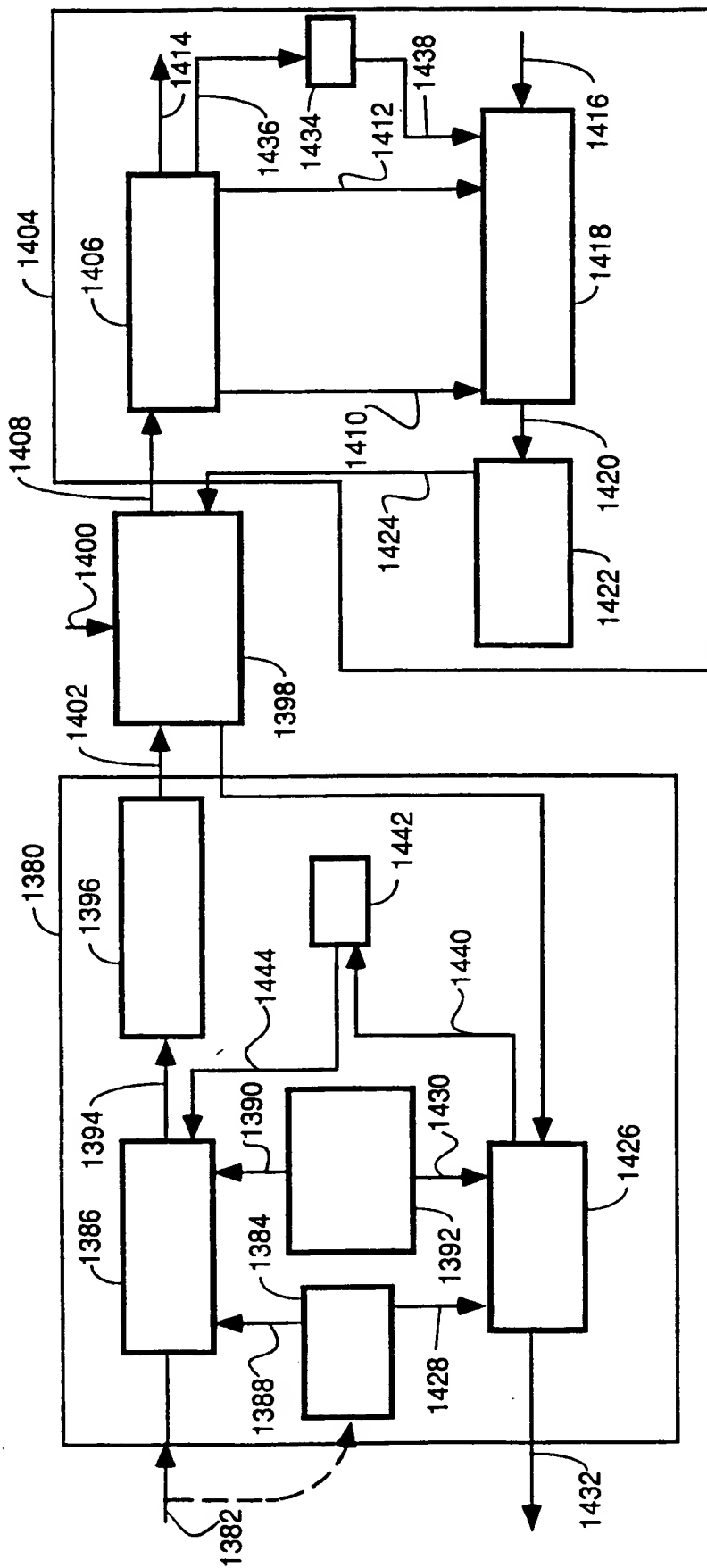


FIG. 19

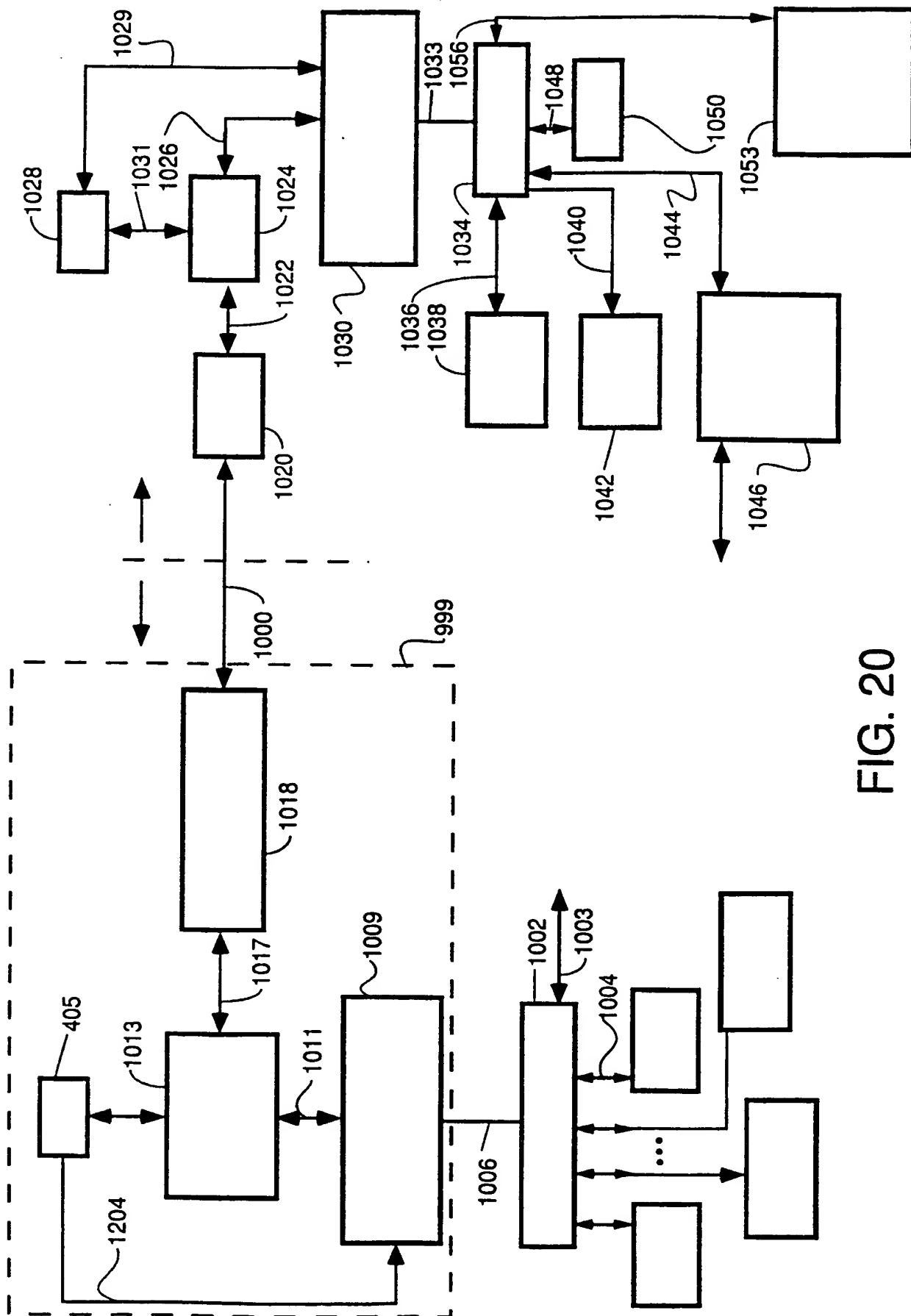


FIG. 20

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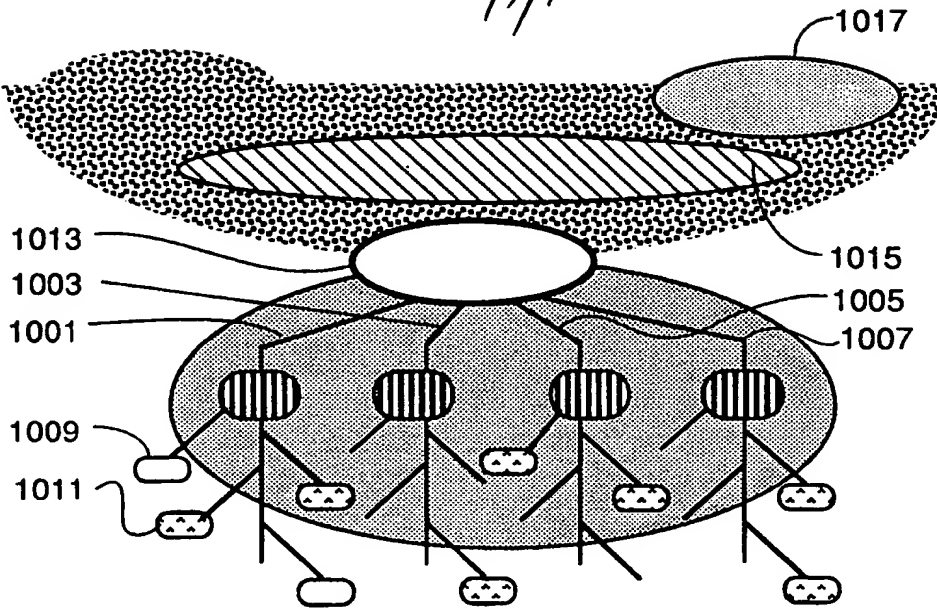


FIG. 21

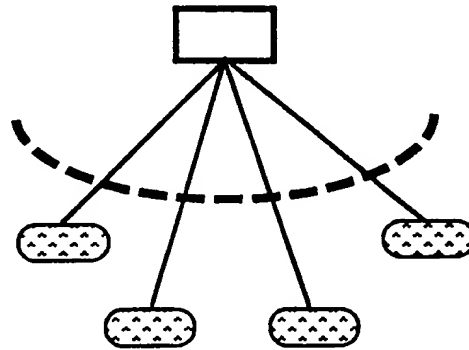


FIG. 22

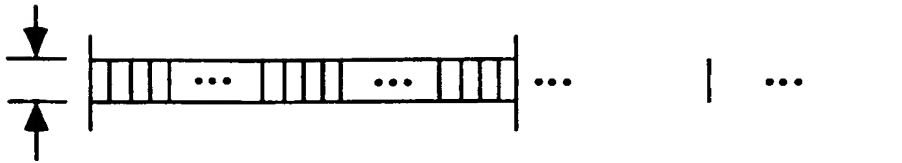


FIG. 23

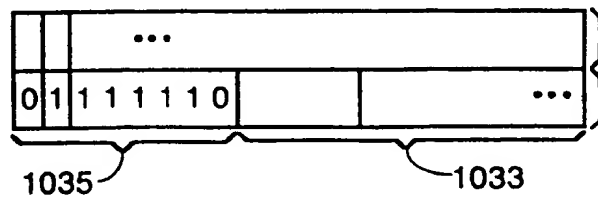


FIG. 24

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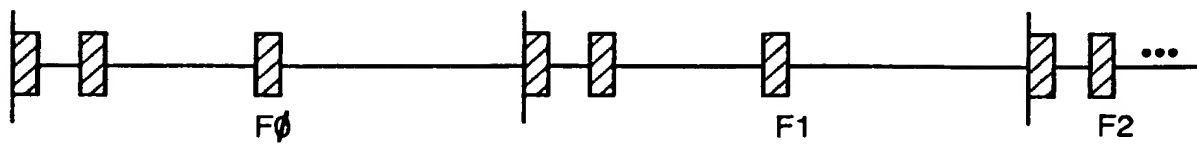


FIG. 25

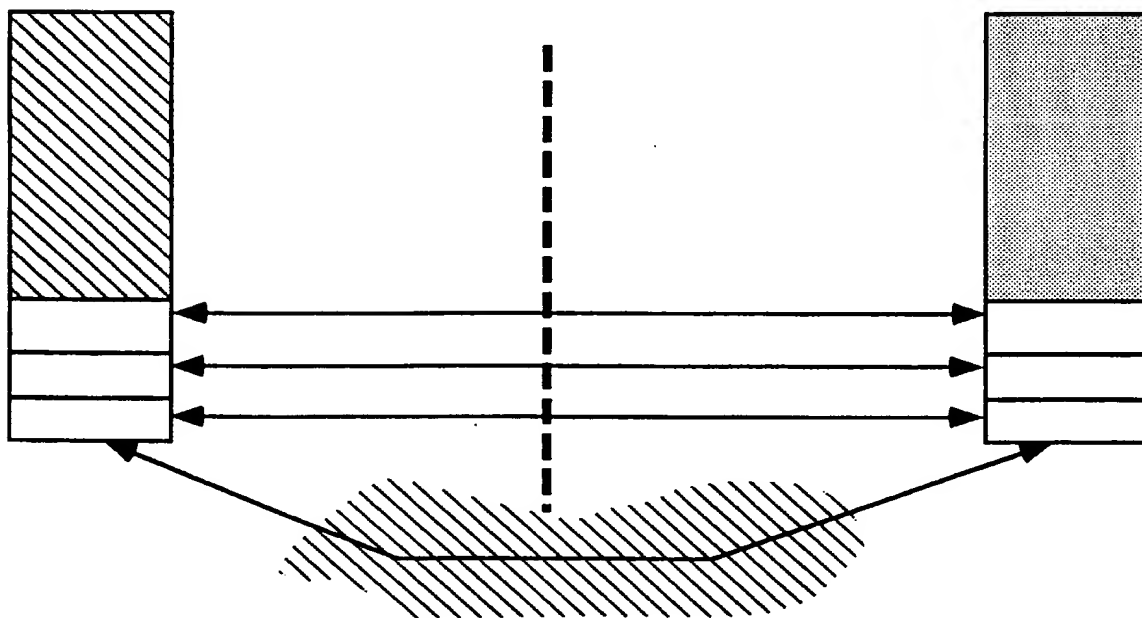


FIG. 26

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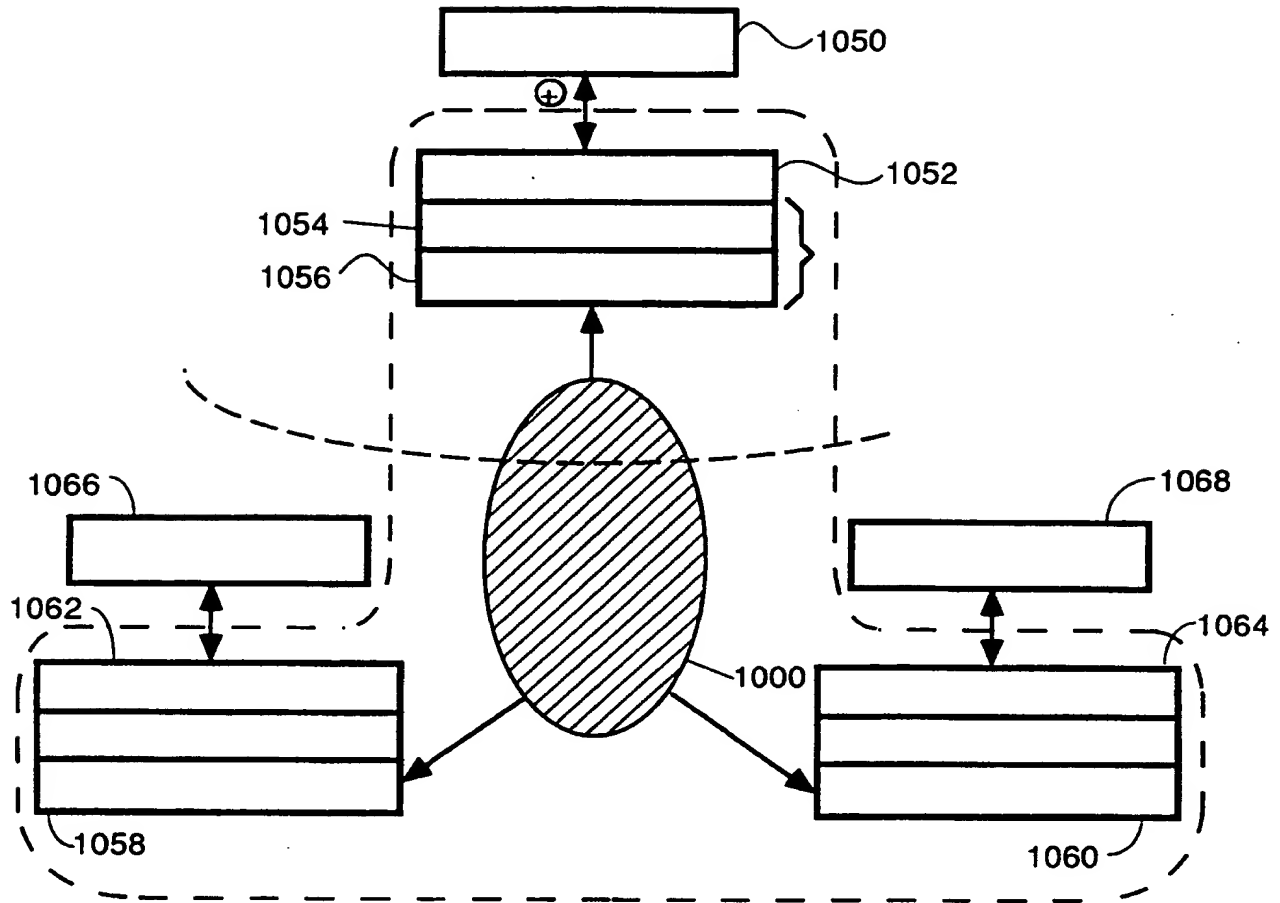


FIG. 27

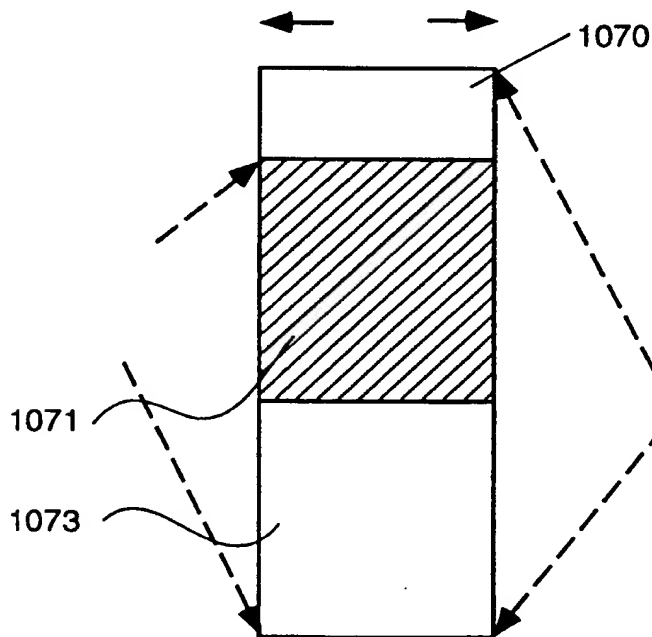


FIG. 28

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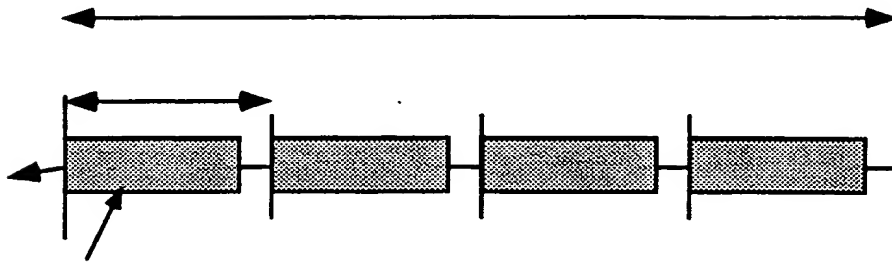


FIG. 29

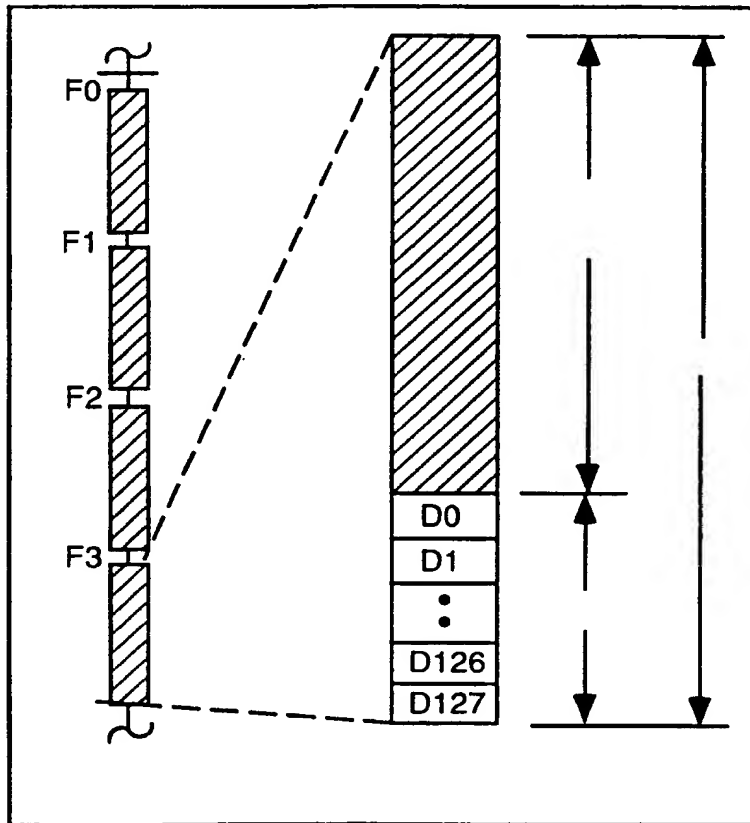


FIG. 30

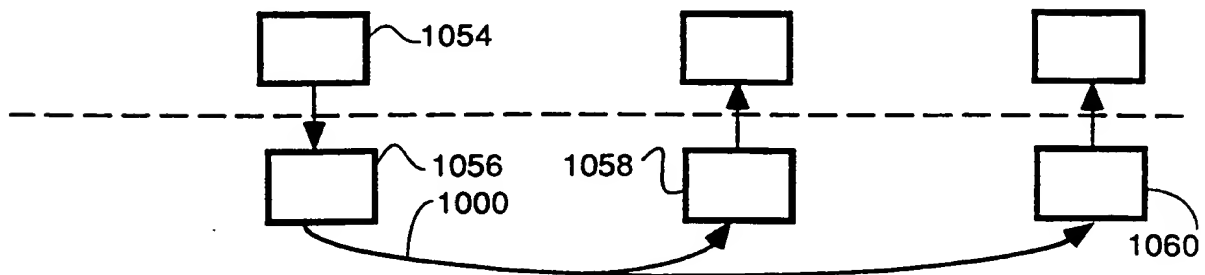


FIG. 31

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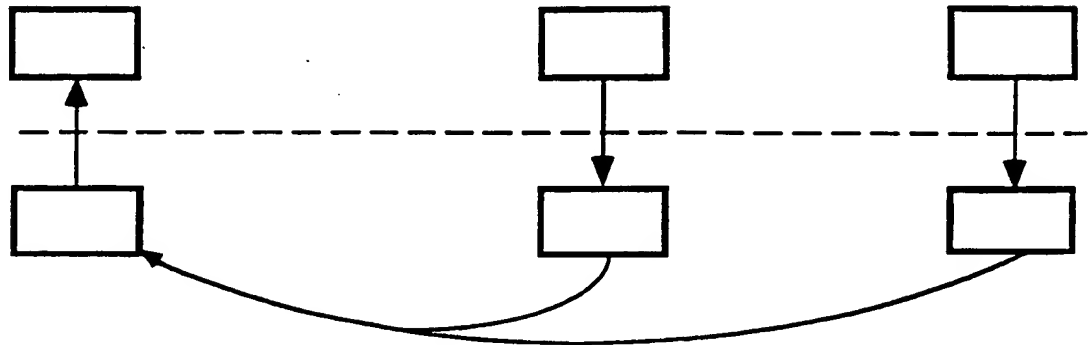


FIG. 32

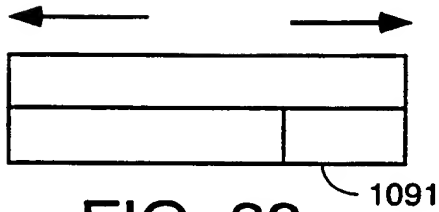


FIG. 33

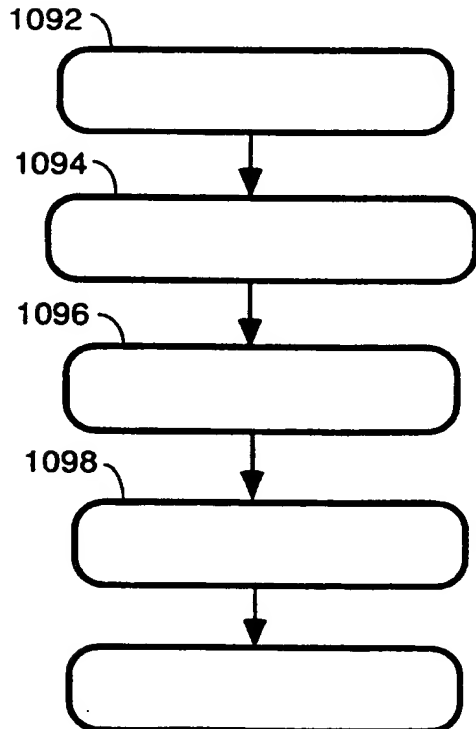


FIG. 35

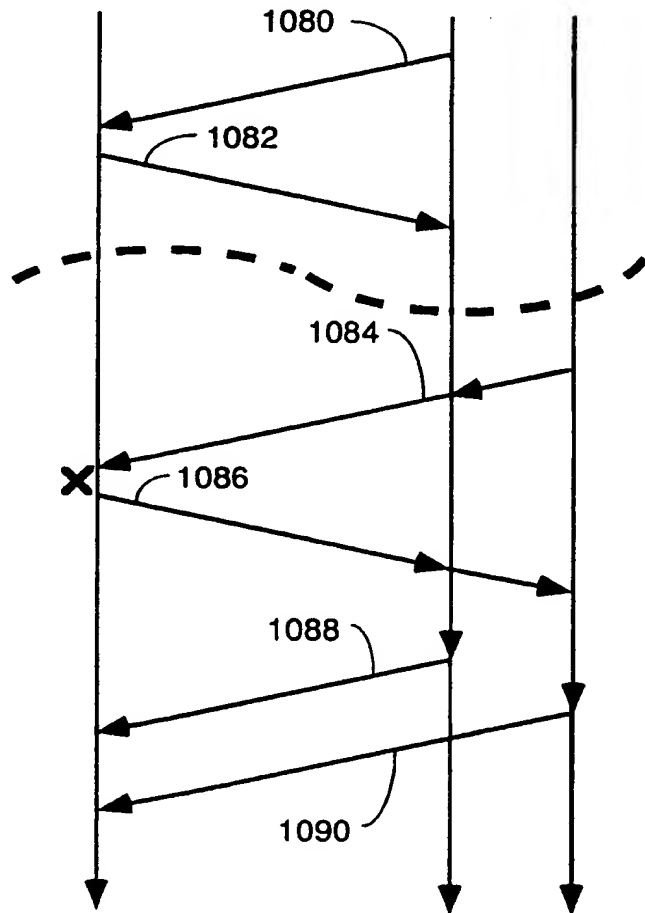


FIG. 34

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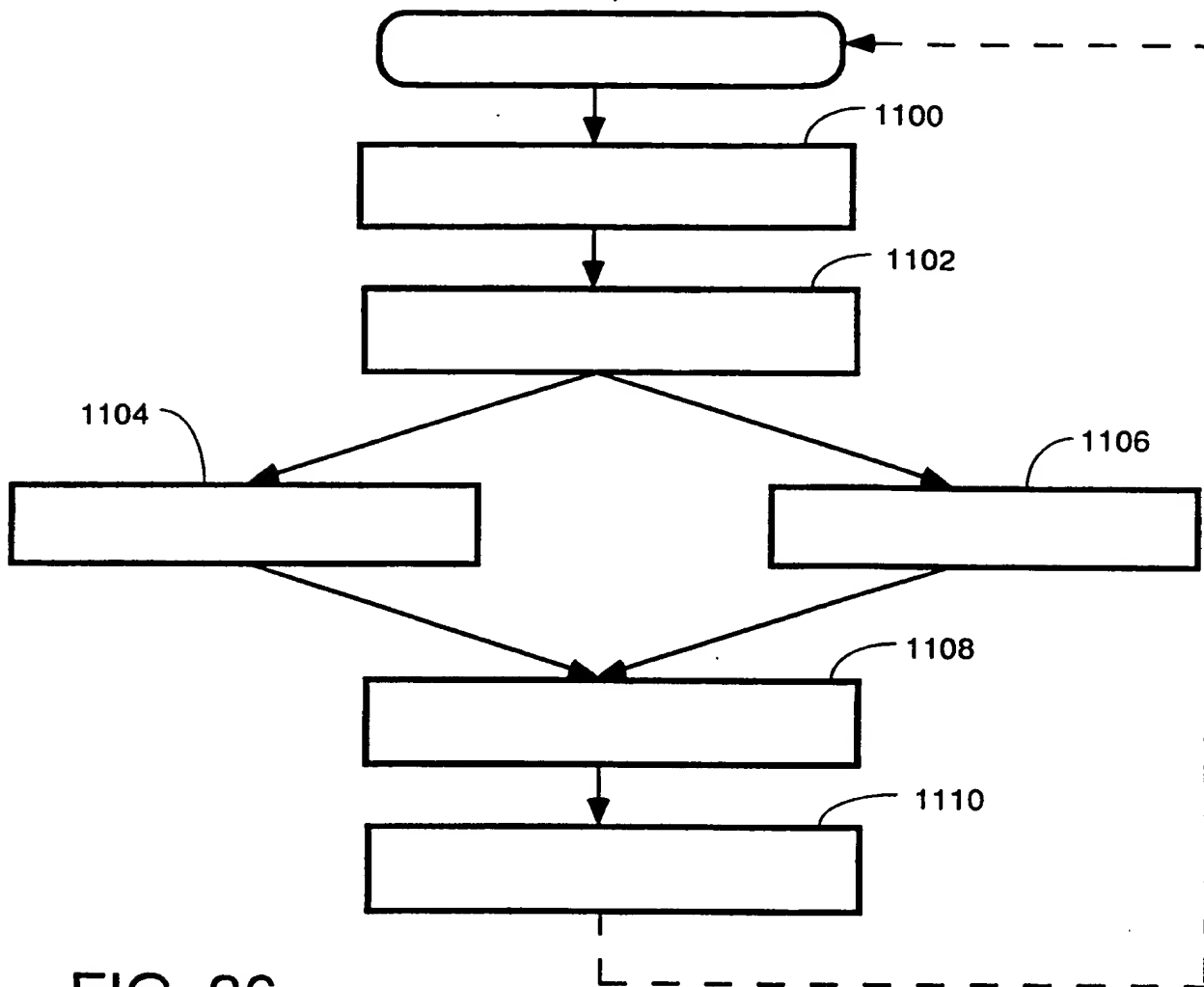


FIG. 36

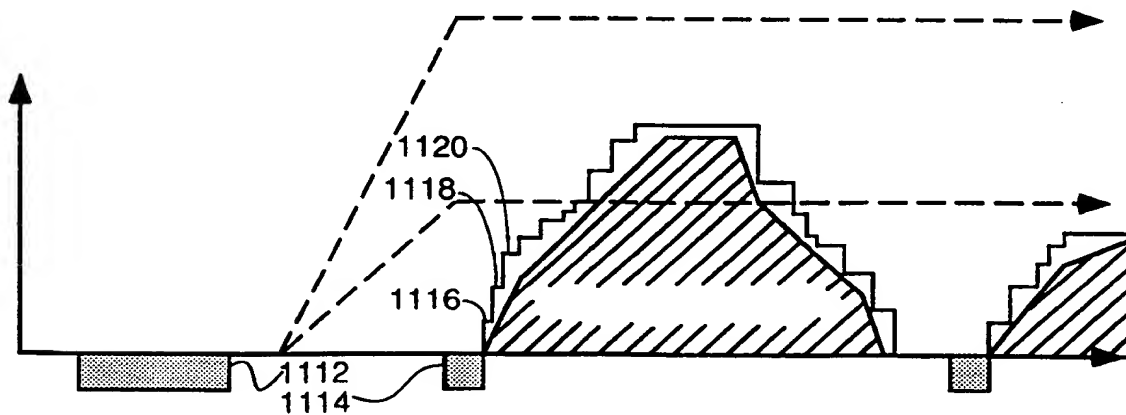


FIG. 37

SUBSTITUTE SHEET (RULE 26)

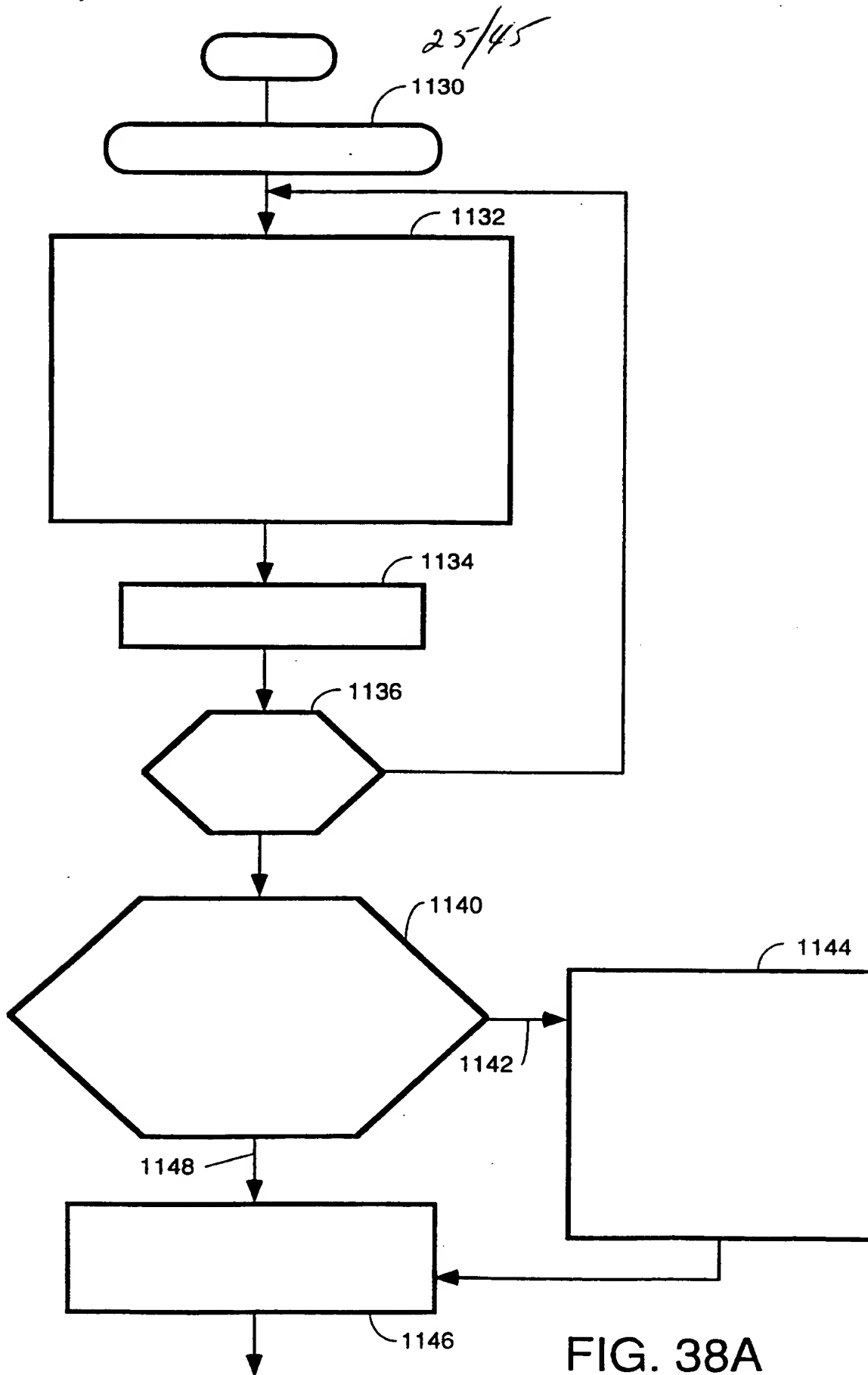


FIG. 38A

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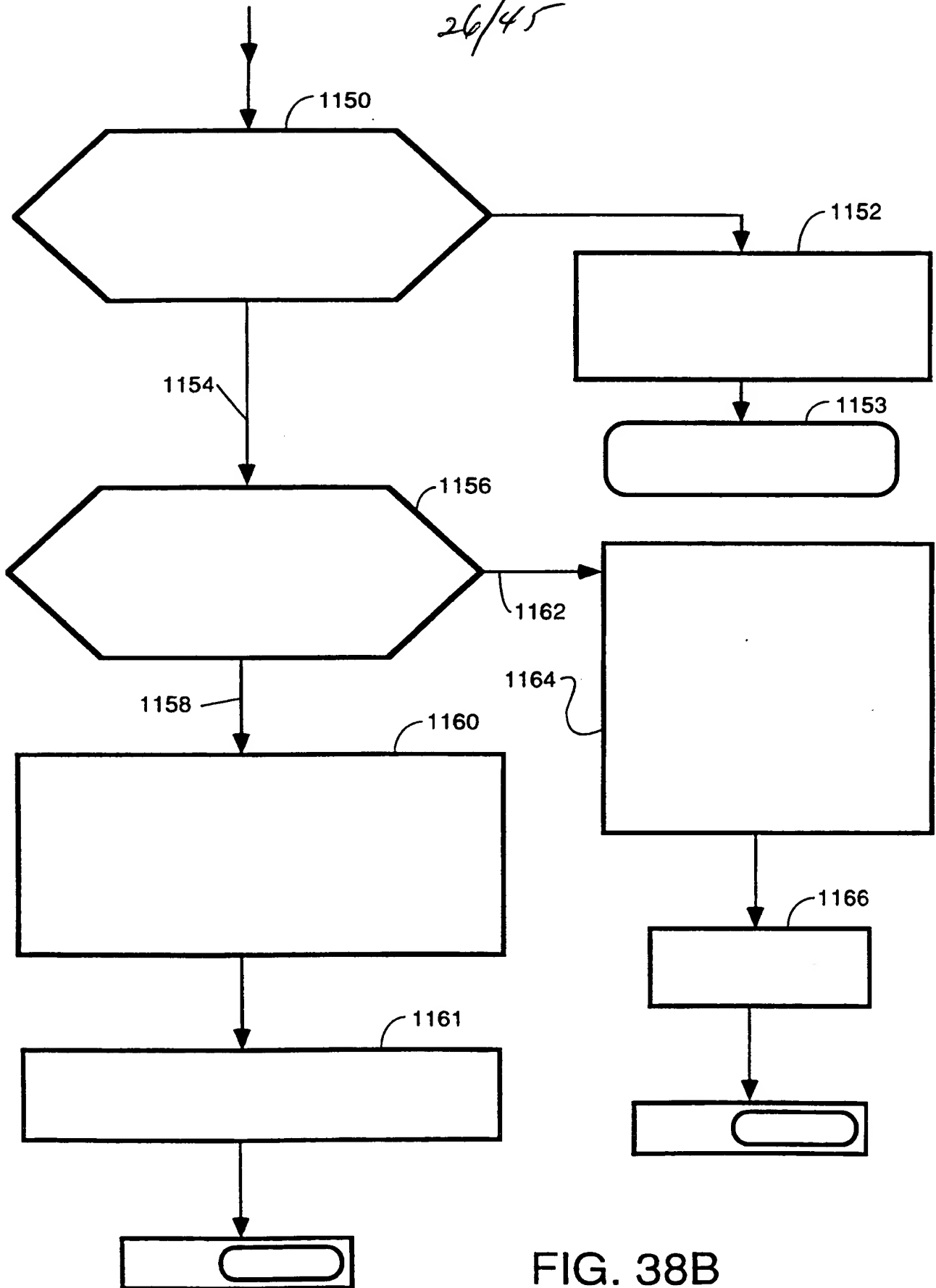


FIG. 38B

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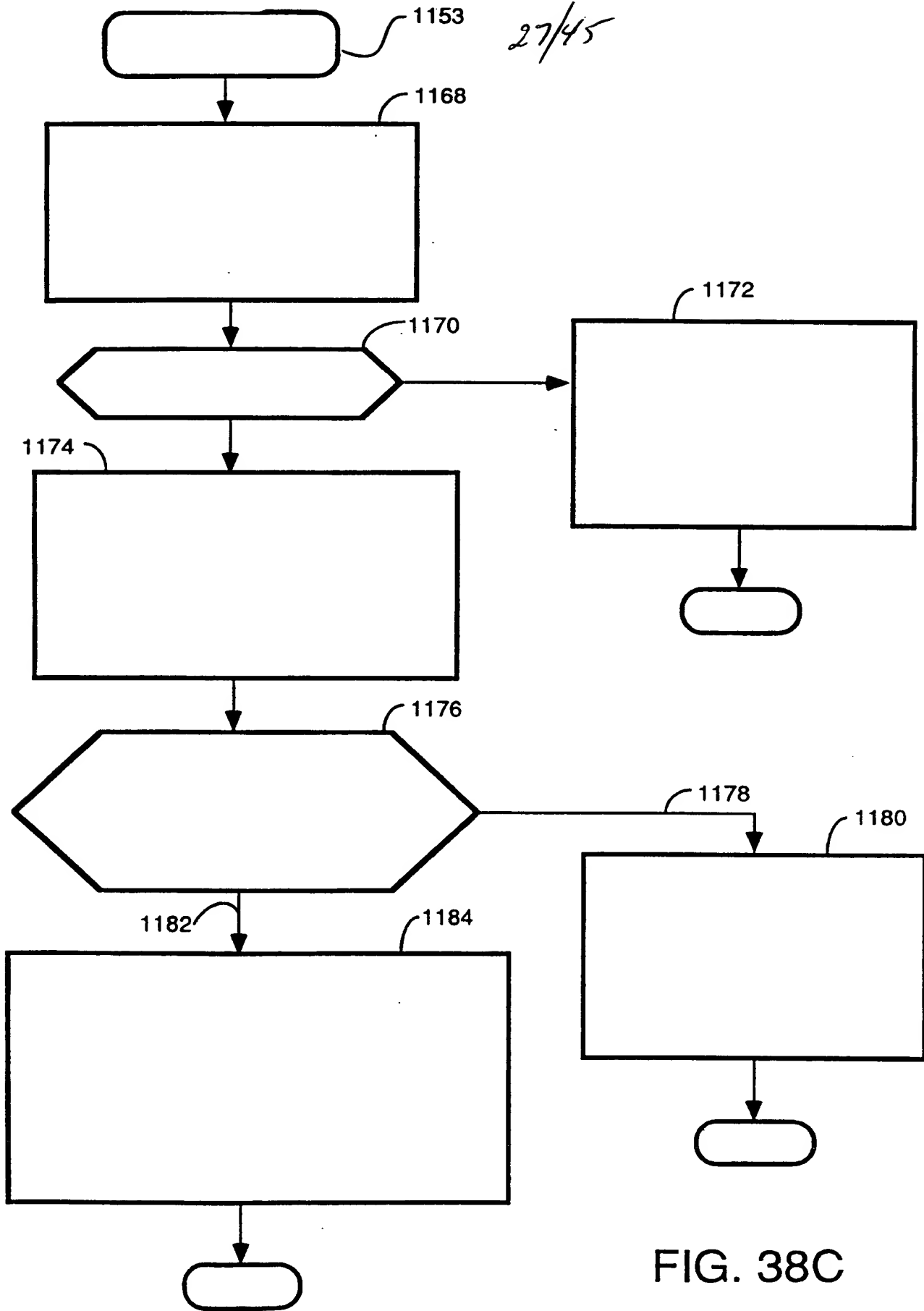


FIG. 38C

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#7

#6

#5

#4

#3

#2

#1

FIG. 39

FIG. 39

FIG. 39

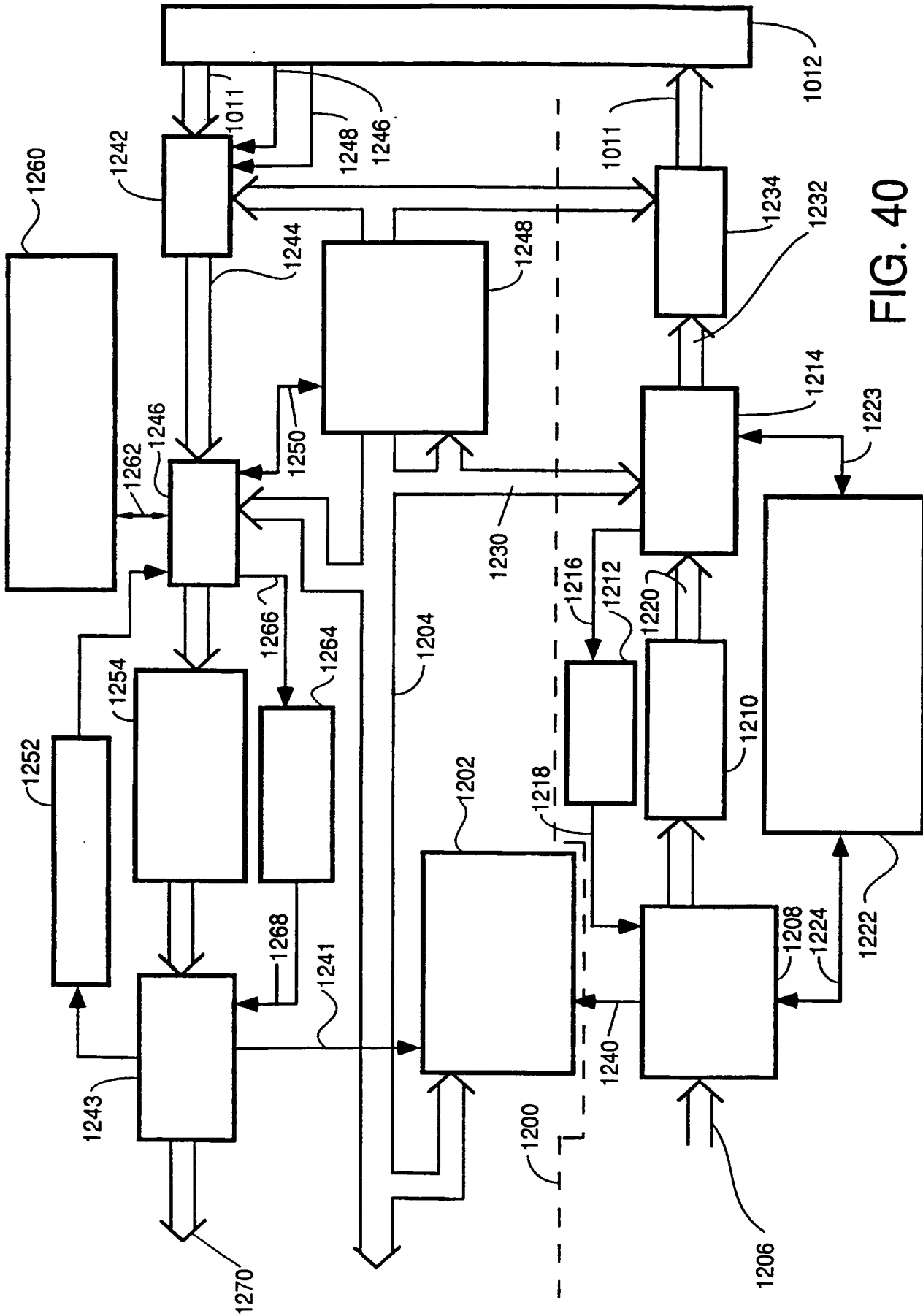


FIG. 40

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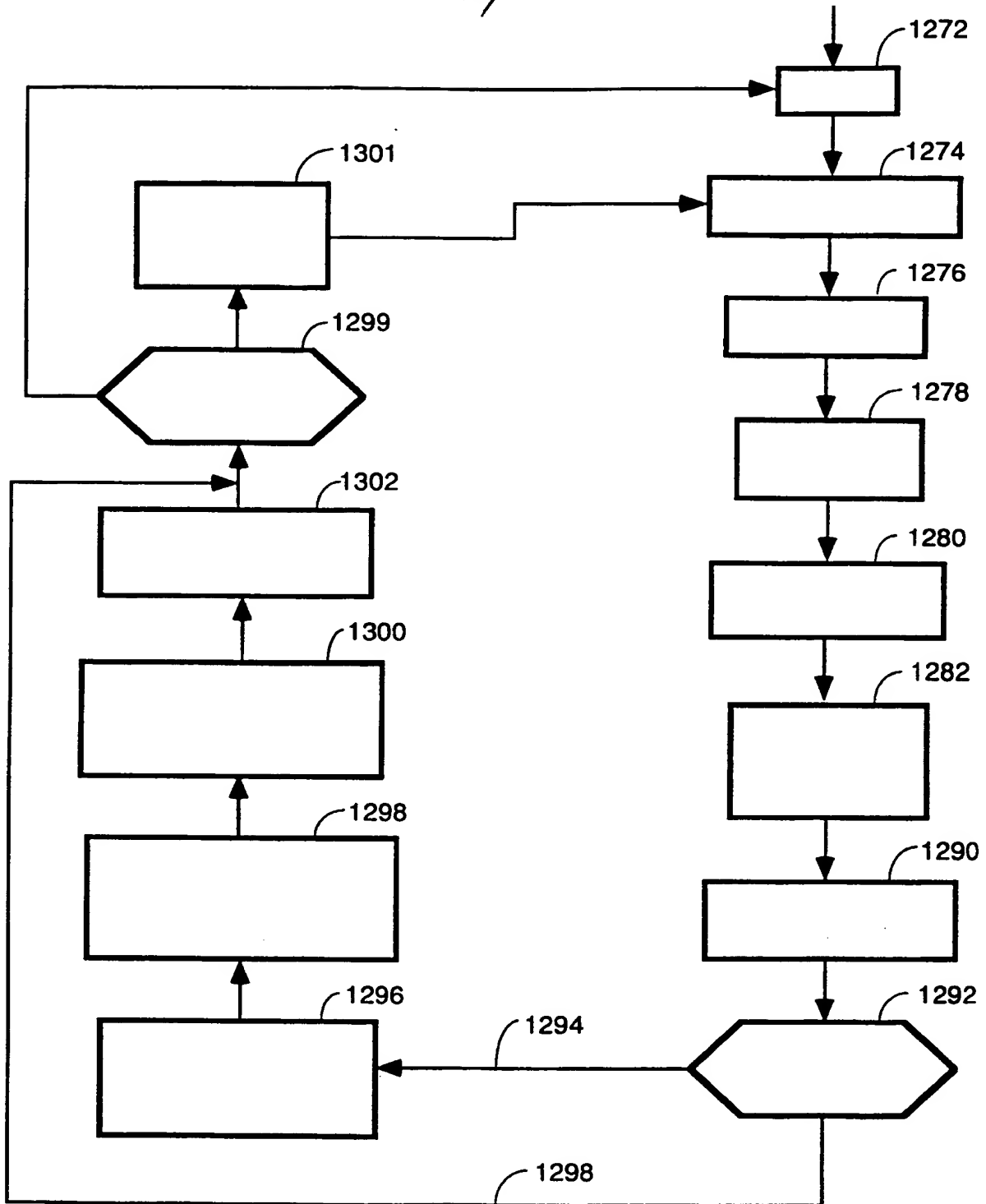


FIG. 41

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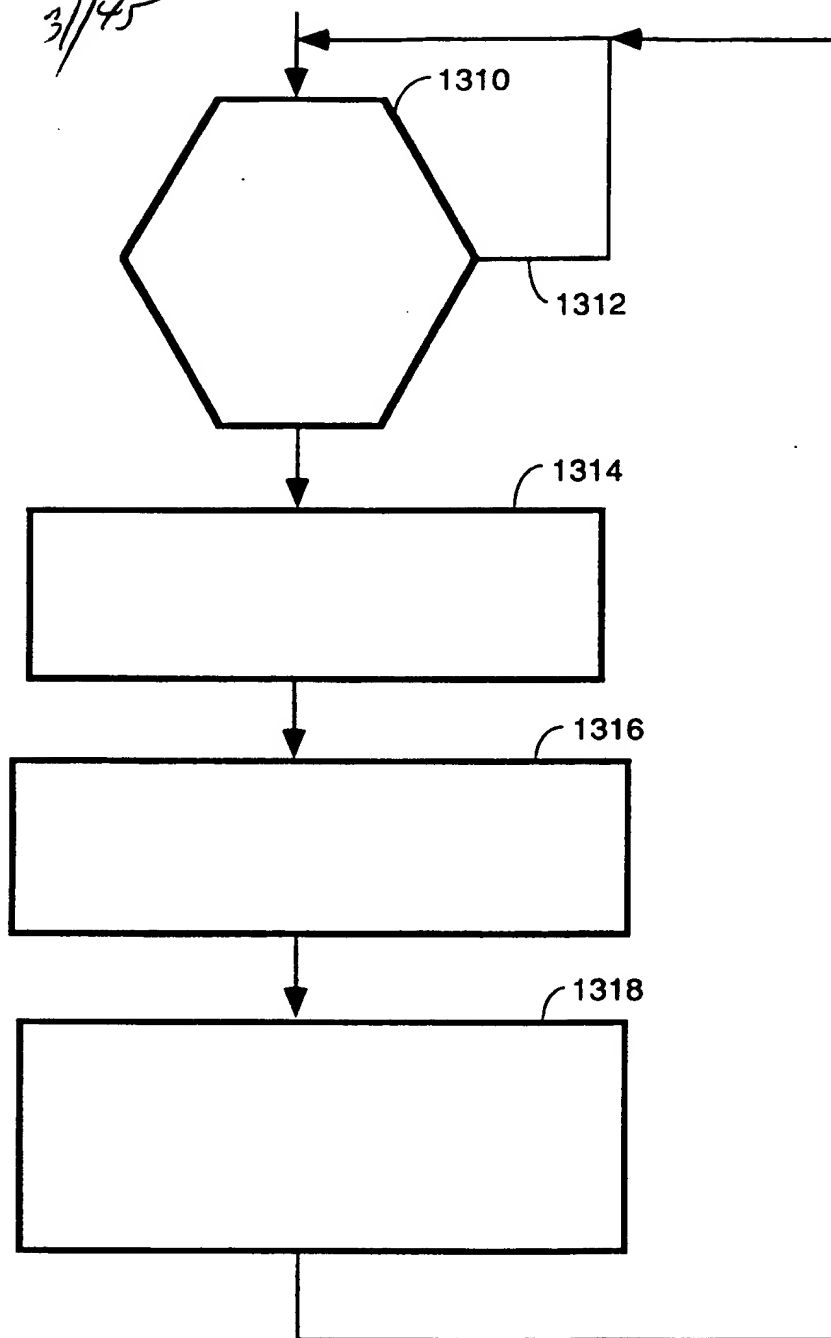


FIG. 42

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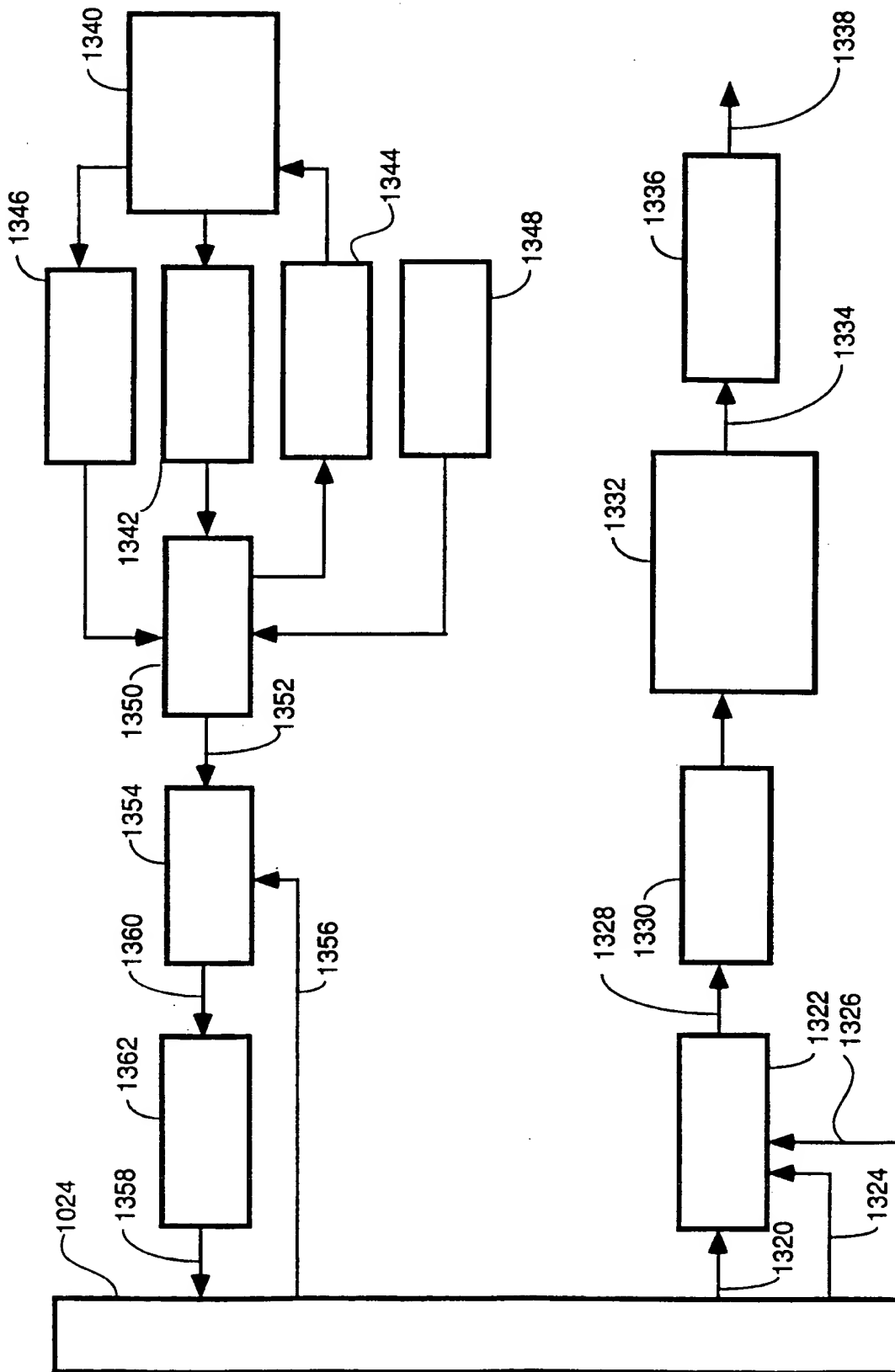


FIG. 43

TOP SECRET

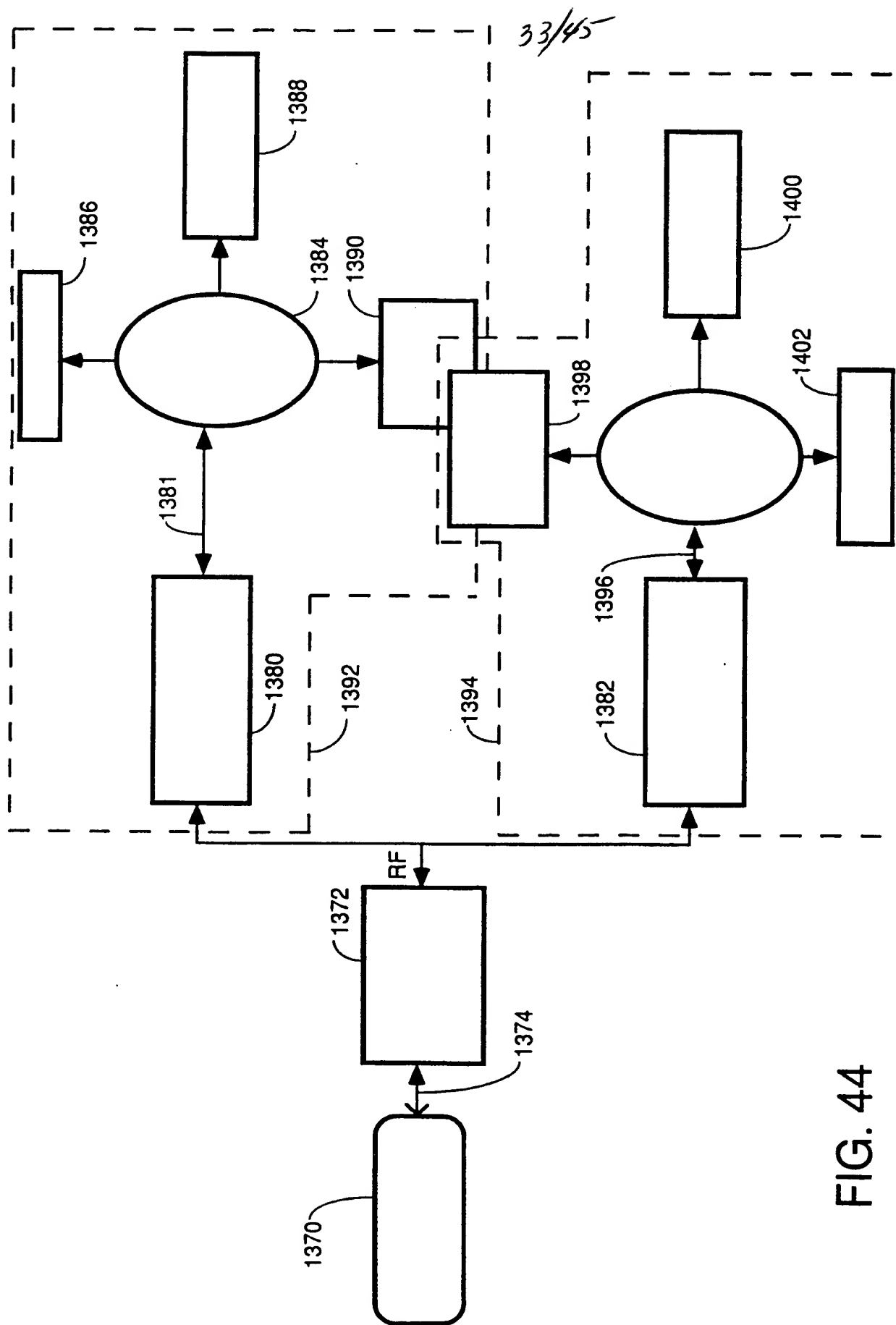


FIG. 44

FIG. 45

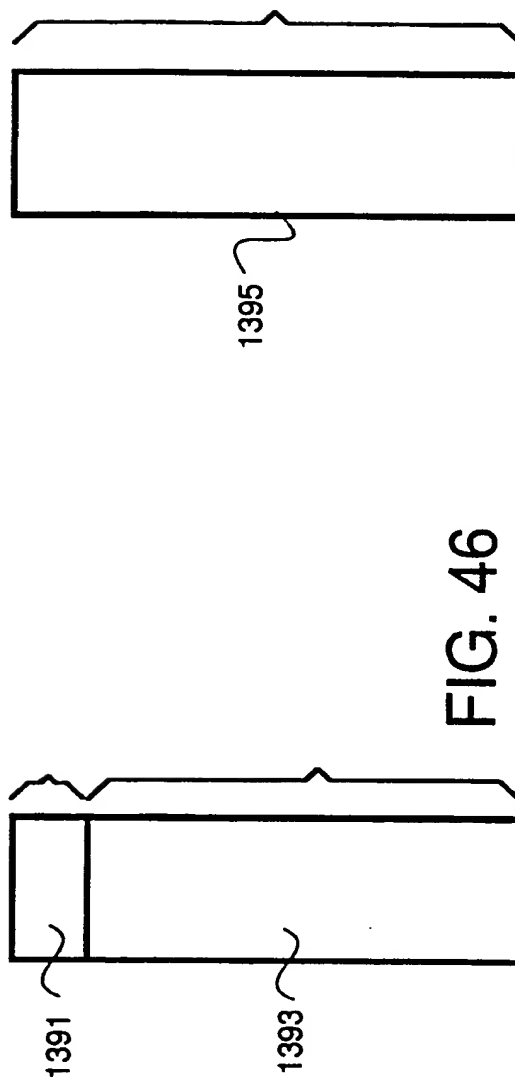


FIG. 47

FIG. 46

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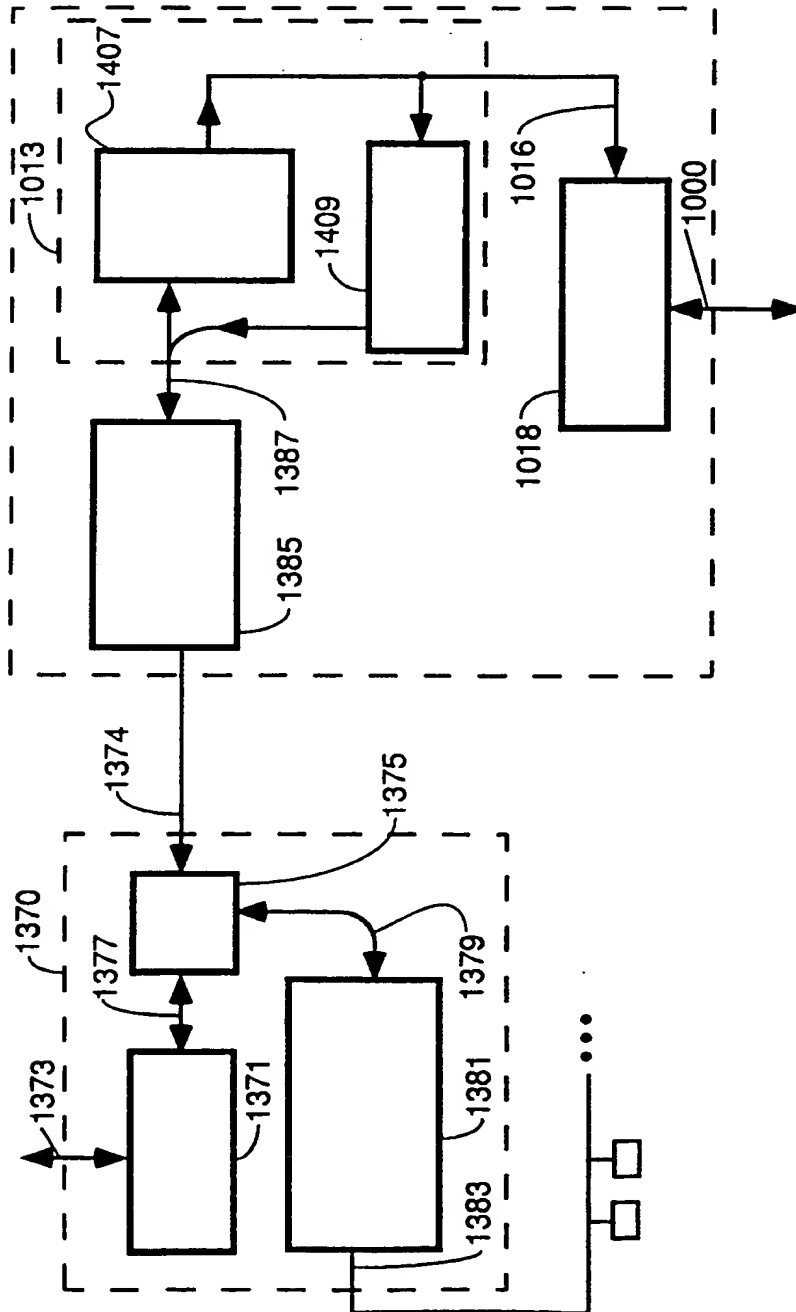


FIG. 48

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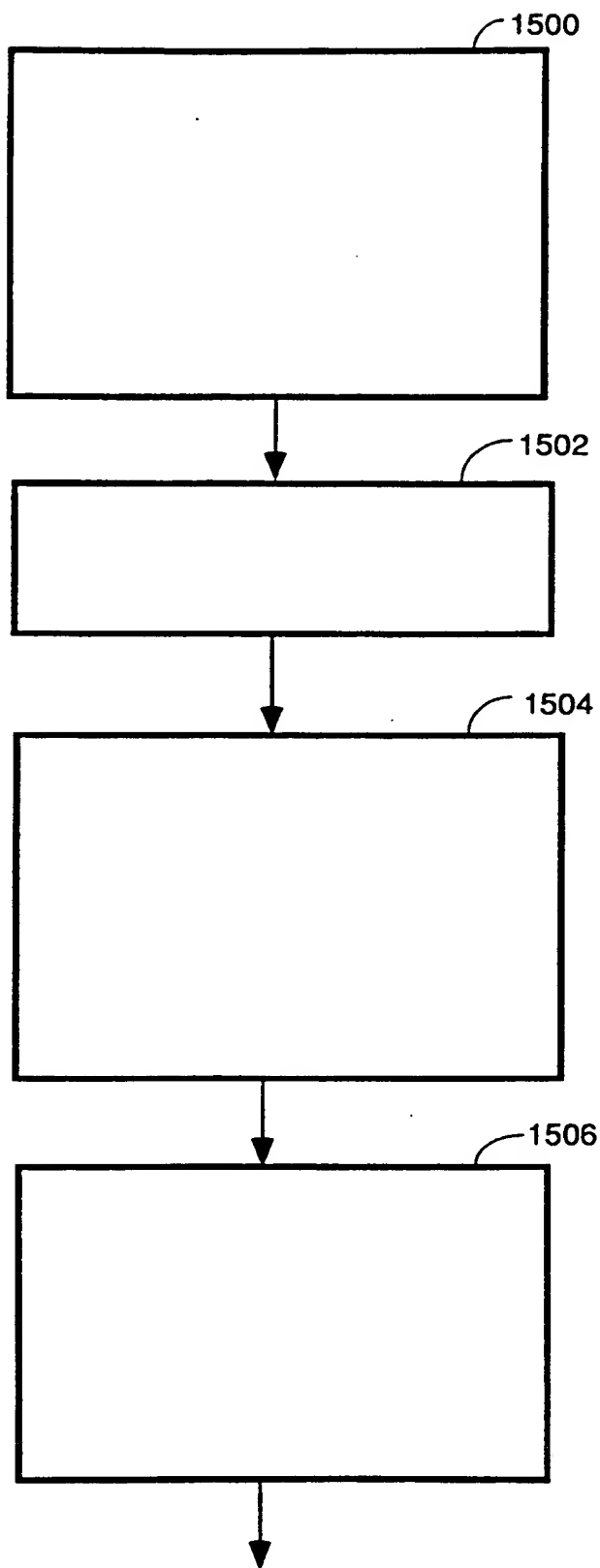


FIG. 49A

09/214158-091701

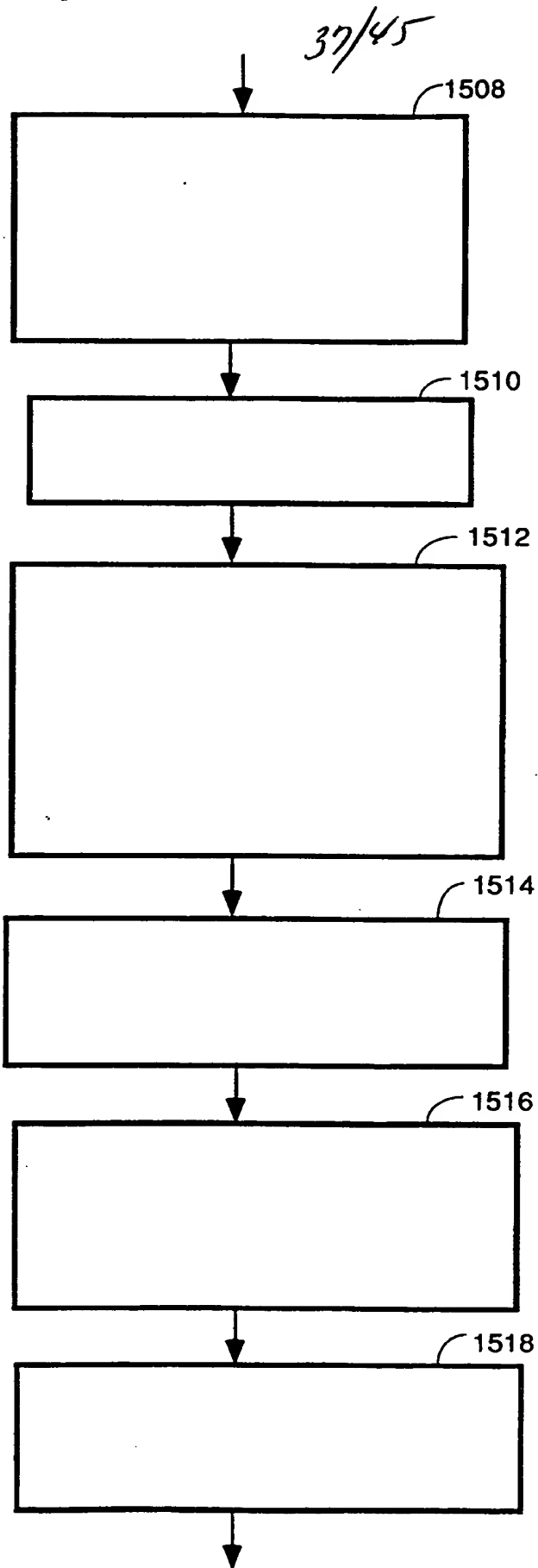


FIG. 49B

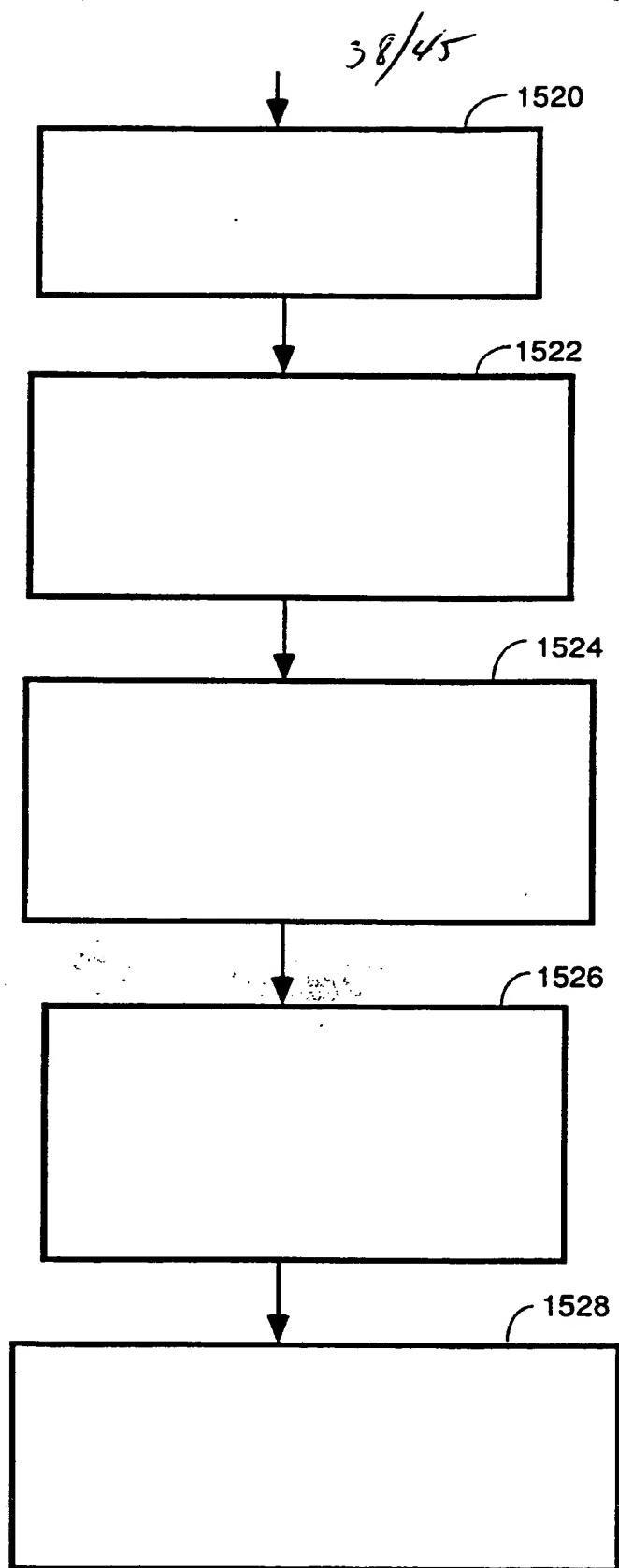


FIG. 49C

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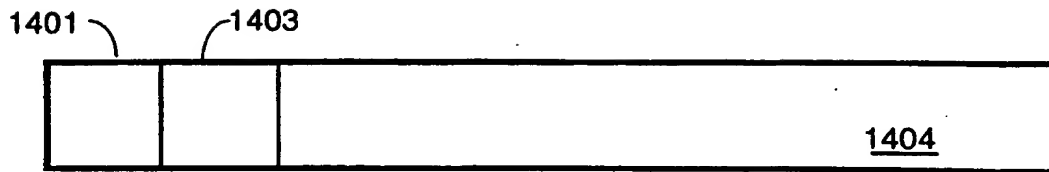


FIG. 50A

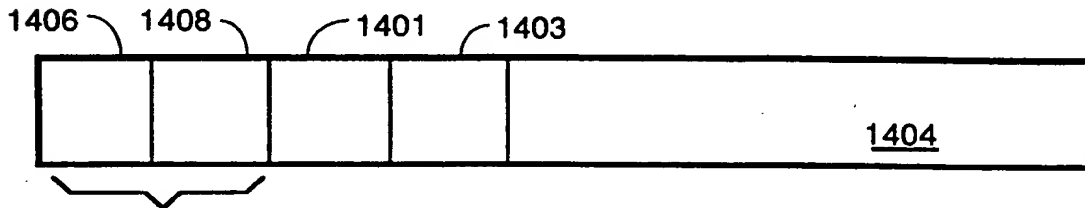


FIG. 50B

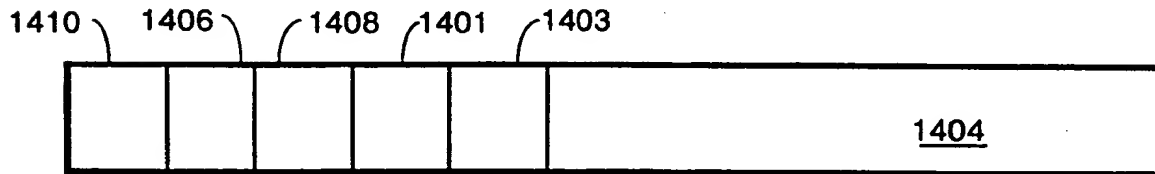


FIG. 50C

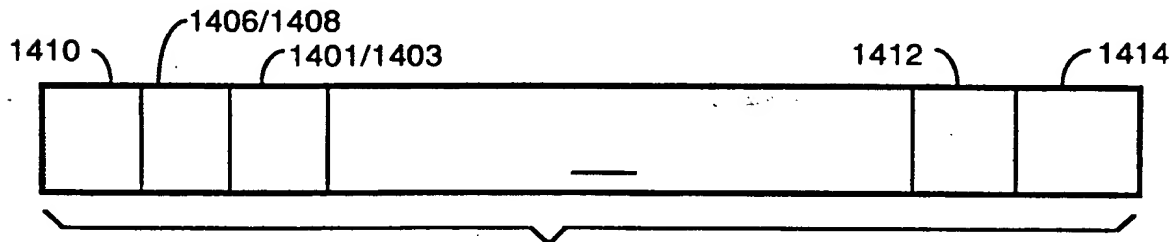


FIG. 50D



FIG. 50E

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FIG. 50F

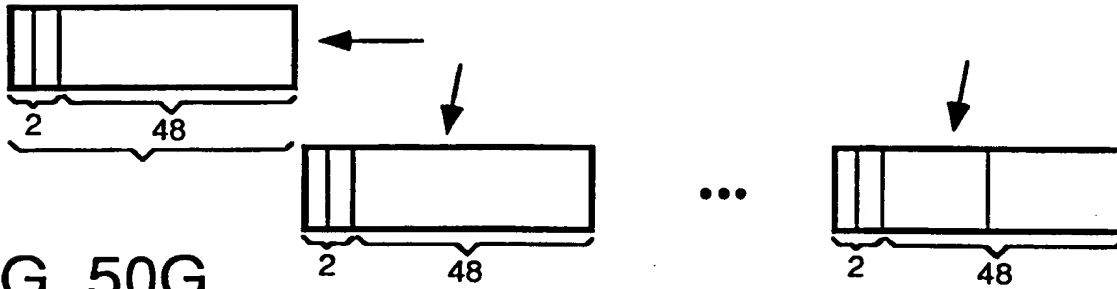


FIG. 50G



FIG. 50H

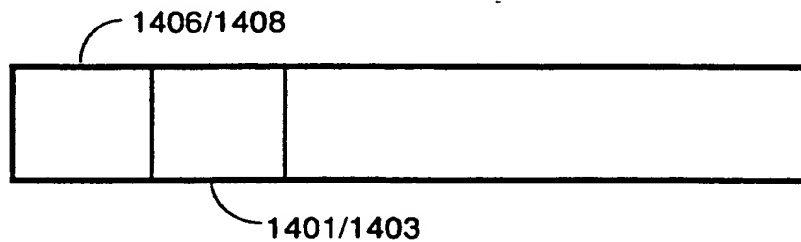


FIG. 50I

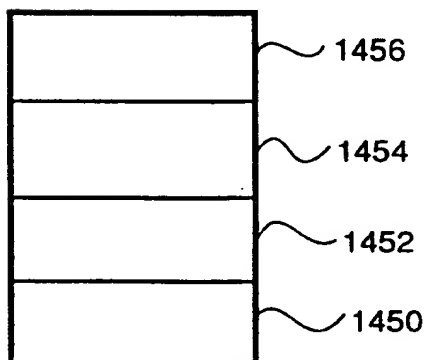


FIG. 51

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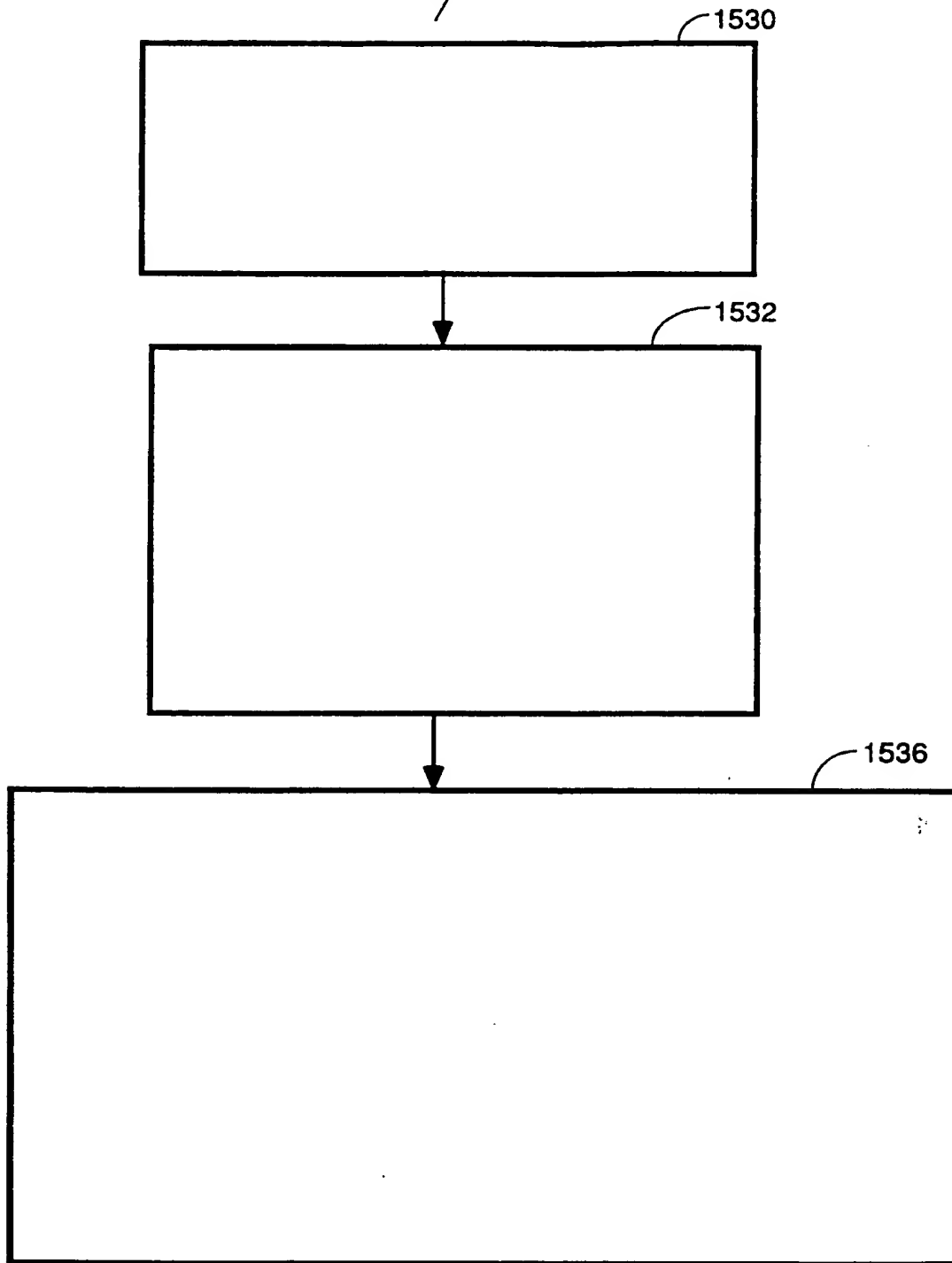


FIG. 52A

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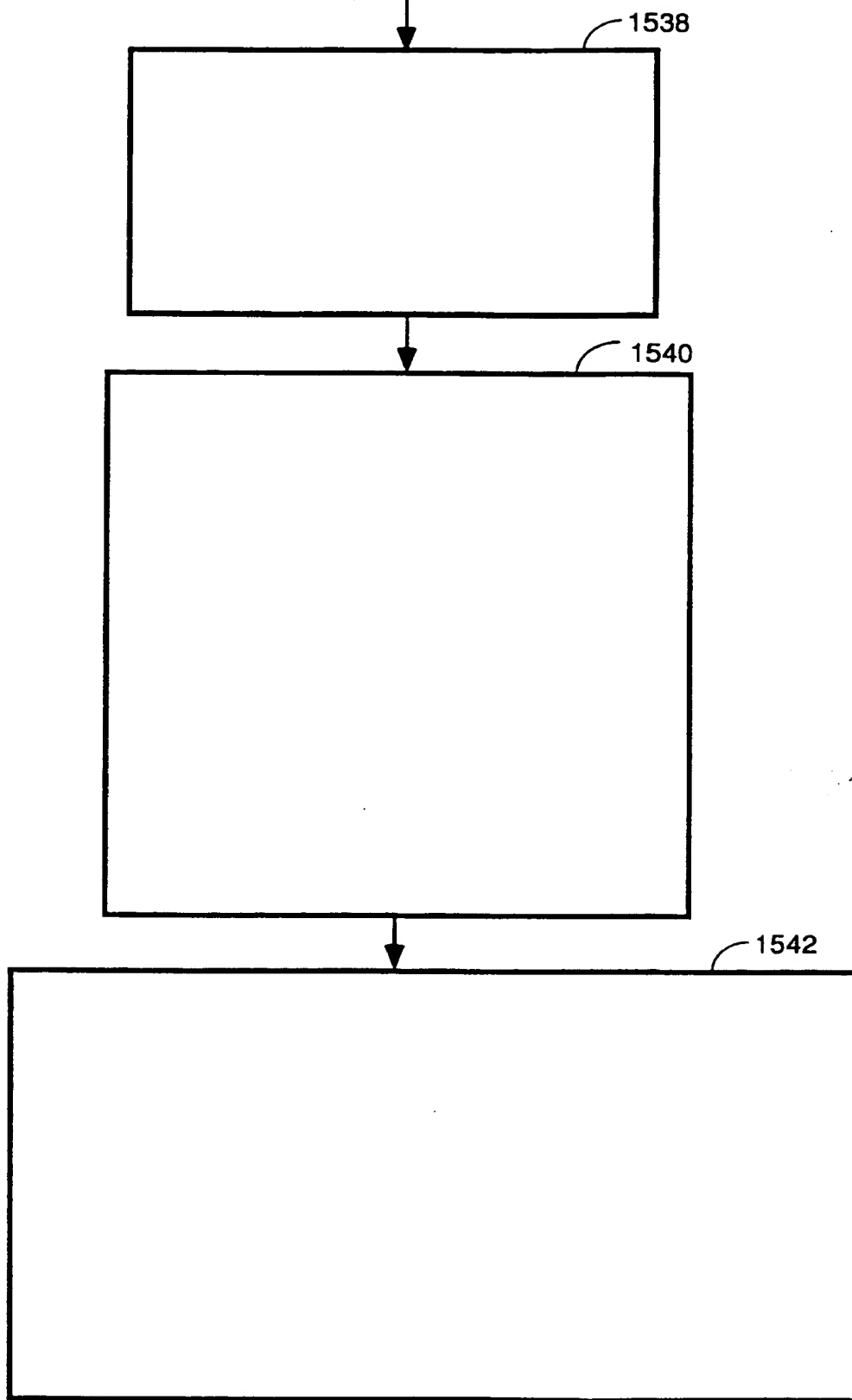


FIG. 52B

09214158.091701

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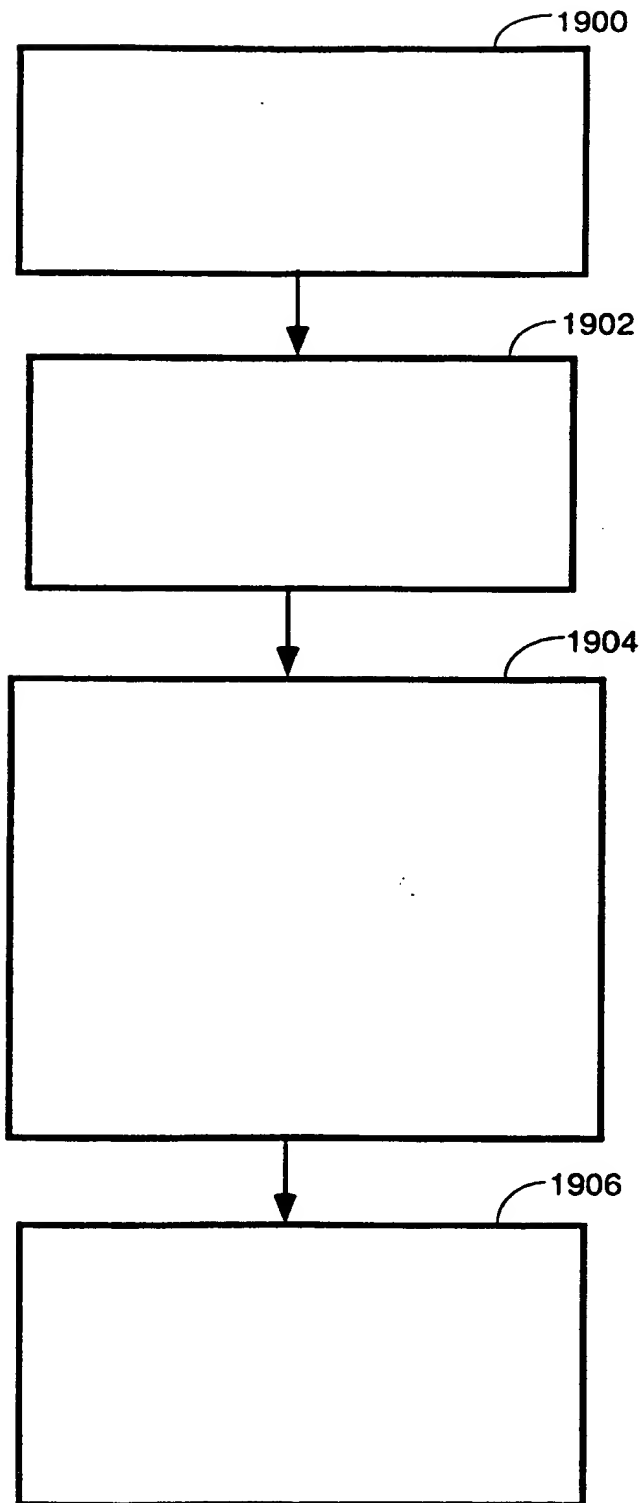


FIG. 53A

09/214158-091701

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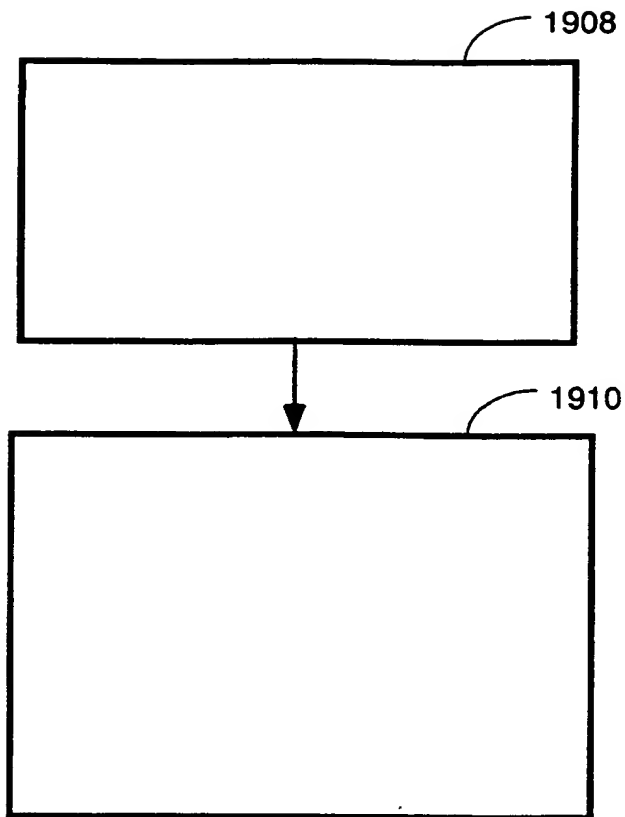


FIG. 53B

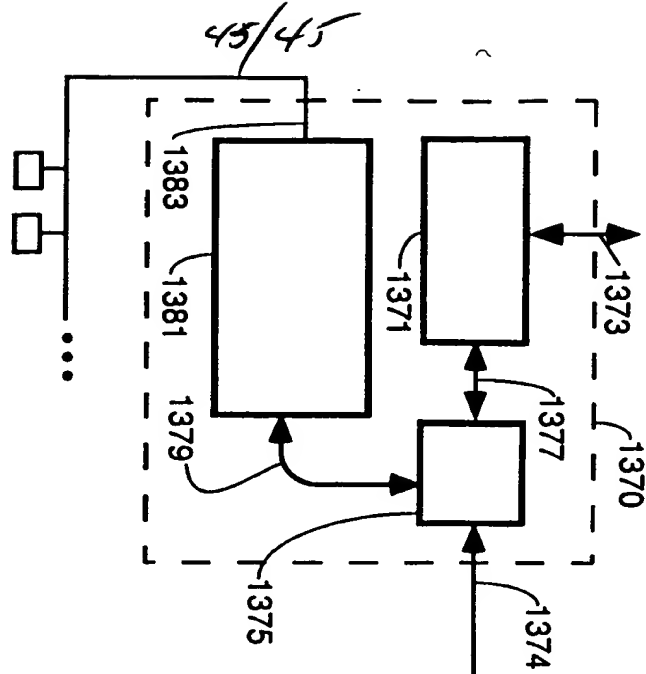


FIG. 54

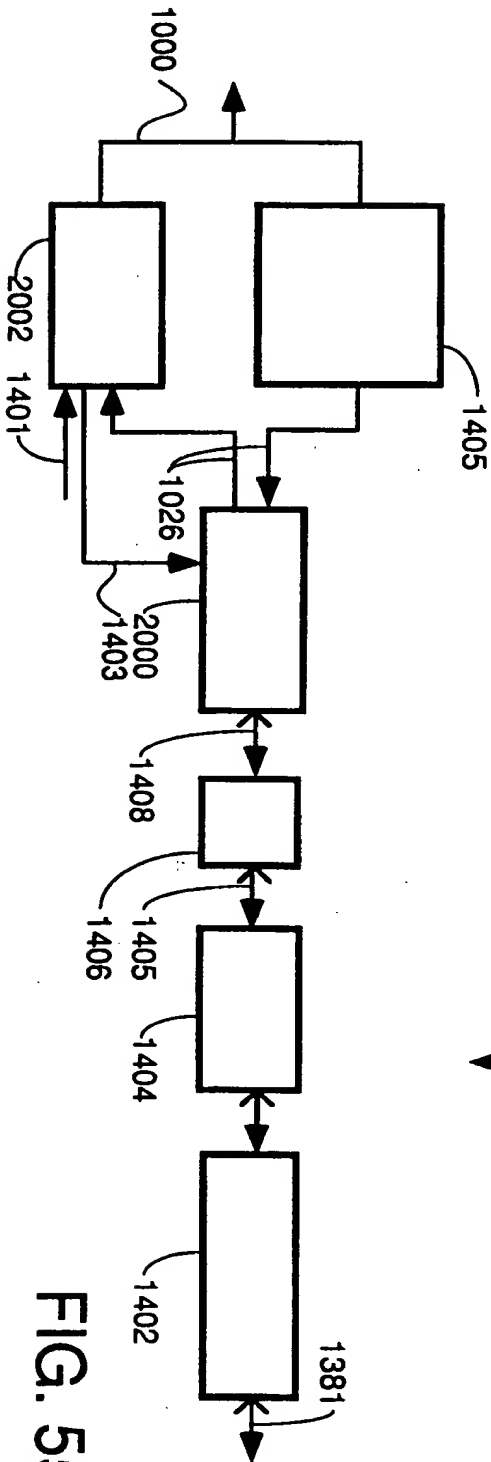


FIG. 55